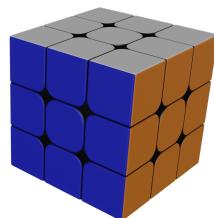
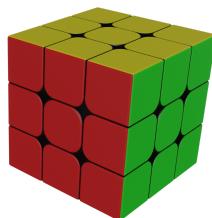


Introdução ao Cubo Mágico

Esquema de Cores

As cores encontradas no Cubo Mágico seguem as seguintes regras:

- **Branco** oposto ao **Amarelo**
- **Vermelho** oposto ao **Laranja** (cores quentes)
- **Azul** oposto ao **Verde** (cores frias)
- Com **Vermelho** na frente e **Amarelo** em cima, à direita se tem o **Verde**



Peças

O cubo é formado por 3 tipos de peças, são elas:

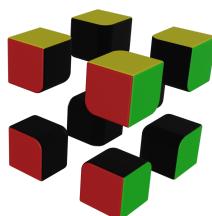
- **Centros:** peças de 1 cor, sendo 6 no total



- **Meios:** peças de 2 cores, sendo 12 no total



- **Cantos:** peças de 3 cores, sendo 8 no total

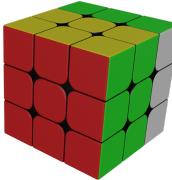
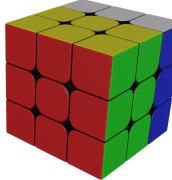
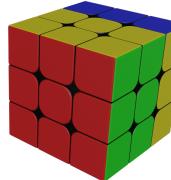
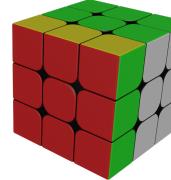
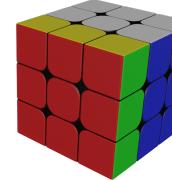
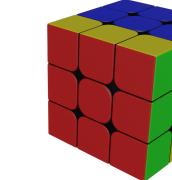
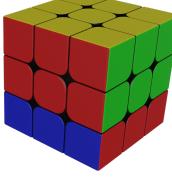
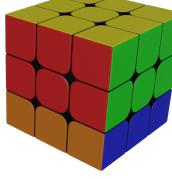
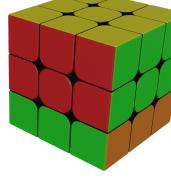
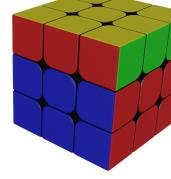
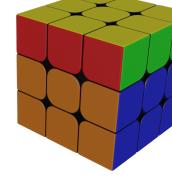
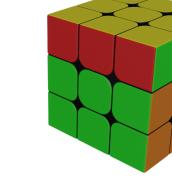
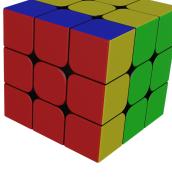
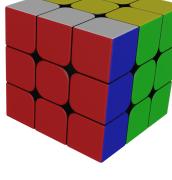
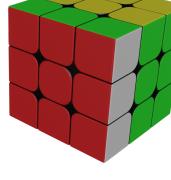
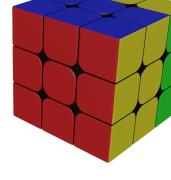
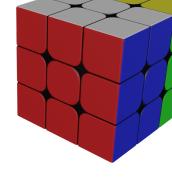
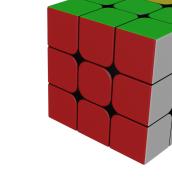
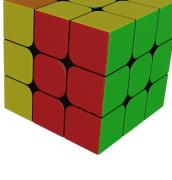
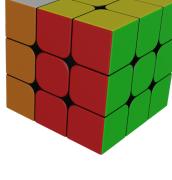
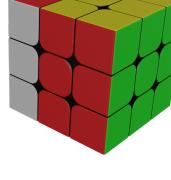
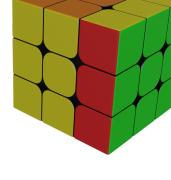
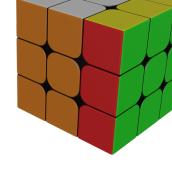
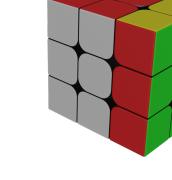
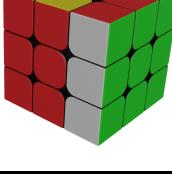
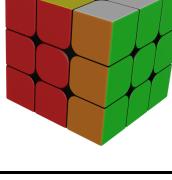
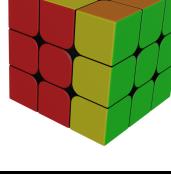
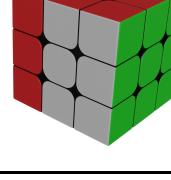
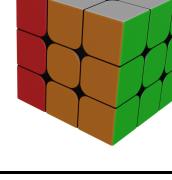
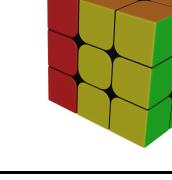


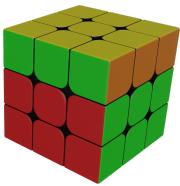
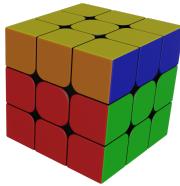
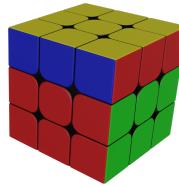
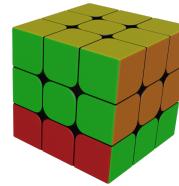
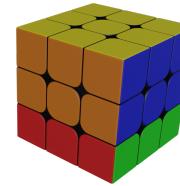
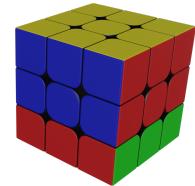
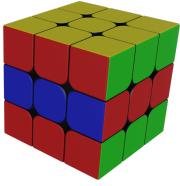
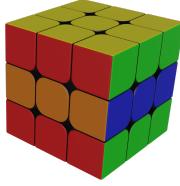
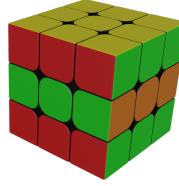
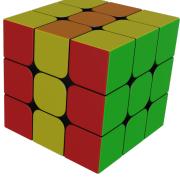
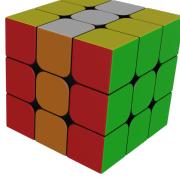
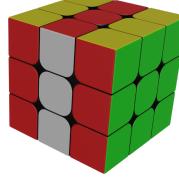
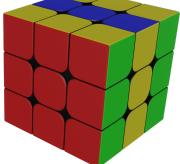
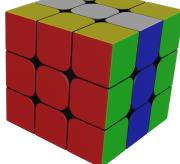
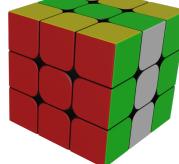
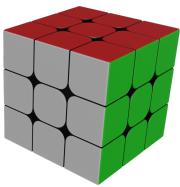
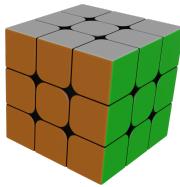
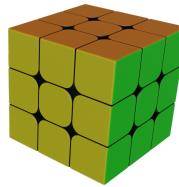
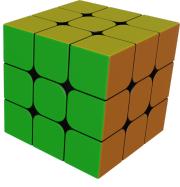
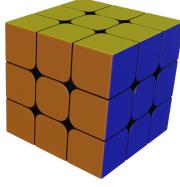
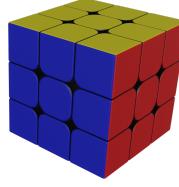
Como Resolver

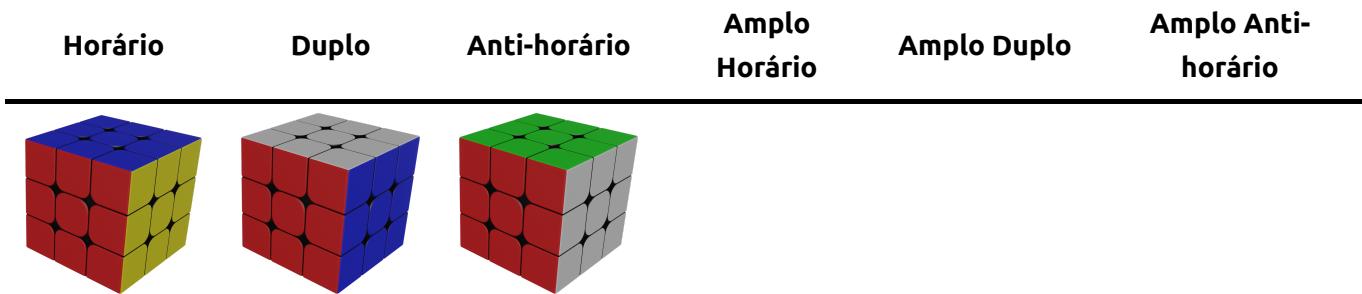
Ao contrário do senso comum, não existe somente uma forma para se resolver o Cubo Mágico. Existem alguns métodos, e nesse material será explicado o método **Roux**

Movimentos do Cubo

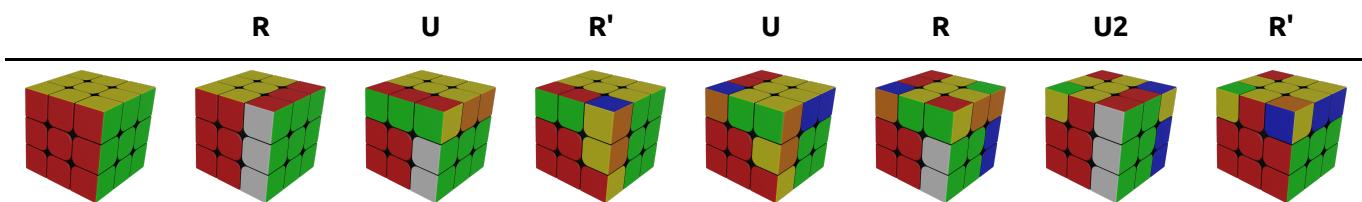
Para aprender qualquer método é necessário saber movimentar as peças do Cubo. Abaixo são mostrados os movimentos, considerando o **Cubo resolvido**, com a face **Vermelha** na frente e a **Amarela** em cima.

Horário	Duplo	Anti-horário	Amplo Horário	Amplo Duplo	Amplo Anti-horário
B	B2	B'	Bw	Bw2	Bw'
					
D	D2	D'	Dw	Dw2	Dw'
					
F	F2	F'	Fw	Fw2	Fw'
					
L	L2	L'	Lw	Lw2	Lw'
					
R	R2	R'	Rw	Rw2	Rw'
					
U	U2	U'	Uw	Uw2	Uw'

Horário	Duplo	Anti-horário	Amplo Horário	Amplo Duplo	Amplo Anti-horário
					
E	E2	E'			
					
M	M2	M'			
					
S	S2	S'			
					
x	x2	x'			
					
y	y2	y'			
					
z	z2	z'			



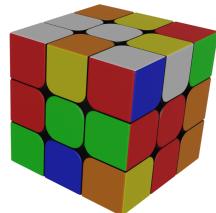
A título de exemplo, é mostrada a seguir a fórmula **Sune**, movimento a movimento, aplicada com o **Cubo resolvido**.



Como Embaralhar

Para embaralhar, segundo as orientações da **World Cube Association** (WCA), o **Cubo resolvido** deve ser orientado com a face **Verde** na frente e a **Branca** em cima. A seguir é mostrado o Cubo após realizado o seguinte embaralhamento:

F U2 L2 B2 F' U L2 U R2 D2 L' B L2 B' R2 U2

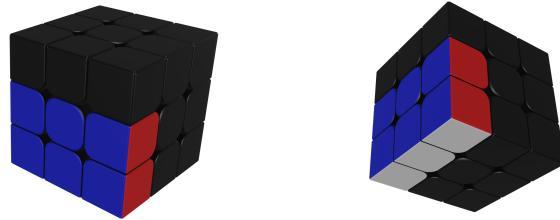


Método Roux Iniciante

Inicialmente é necessário escolher uma **Orientação**, ou seja, a posição que o cubo ficará para ser resolvido. Há 24 possibilidades, e aqui será escolhida a mesma usada na seção de movimentos, ou seja, **Vermelho** na frente e **Amarelo** em cima. Essa orientação é a que o cubo permanecerá durante toda a solução.

Primeiro Bloco

A primeira etapa do Método Roux é o Primeiro Bloco, do inglês First Block, simplificado para **FB**. Ele é montado na **ESQUERDA** e consiste em 6 peças, sendo 1 centro, 3 meios e 2 cantos. Considerando a orientação escolhida, o primeiro bloco será **Azul** com **Branco** embaixo. A seguir é mostrado o Primeiro Bloco. Observe que na primeira imagem o Cubo é mostrado com o **Azul** na frente apenas para facilitar a visualização.



Há muitas maneiras para se montar o Primeiro Bloco. A técnica utilizada aqui é focada na simplicidade e facilidade para iniciantes. Para técnicas mais avançadas consultar seção **Primeiro Bloco** do capítulo **Método Roux Completo**.

Inicialmente deve-se posicionar o centro **Azul** na **ESQUERDA**, o que coloca o centro **Verde** na **DIREITA**



A seguir deve-se encontrar o meio (peça de duas cores) **Azul** e **Branco** e encaixar o seu **Azul** ao centro **Azul**

Método Roux Completo

Neutralidade de cor

Primeiro Bloco

Meio + Pares

Meia Linha + Par

Linhos

Tópicos Avançados

EOLR

UFUB

Pinkie Pie