

Encoding

H → 72 → 01001000
8 bits

0 1 0	0 1 0	0 0
(113,45,201)	(96,121,89)	(54,189,224)
+1 ●	●	●
PIXEL	PIXEL	PIXEL

If, bit = 0 → then make the RGB value even.

0 1 0	0 1 0	0 0
(114,45,201)	(96,121,89)	(54,189,224)
●	●	●
PIXEL	PIXEL	PIXEL

If, bit = 1 → then make the RGB value odd.

0 1 0	0 1 0	0 0
(114,45,201)	(96,121,89)	(54,189,224)
●	●	●
PIXEL	PIXEL	PIXEL

Make it odd --> if the message ends with this character
Make it even --> if the message continues

Decoding

0 1 0 0 1 0 0 0
(114,45,202) (96,121,90) (54,190,224)
● ● ●
PIXEL PIXEL PIXEL

If the RGB value is even → It means the corresponding bit is 0
If the RGB value is odd → It means the corresponding bit is 1

0 1 0 0 1 0 0 0
(114,45,201) (96,121,89) (54,189,224)
● ● ●
PIXEL PIXEL PIXEL

Make it odd --> if the message ends with this character
Make it even --> if the message continues

01001000

01001000 → 72 → 'H'