**CSS: Create a Circle with a Dot inside**

We Create 2 HTML <div>s

<div class="target-border">

<div class="target-dot"> </div>

</div>

**First div: <div class="target-border"> Outer Cicle: Circle 1**

1. Give it some width and height

width: 40px;

height: 40px;

1. Give it a background color to make it visible

background: #264e59;

1. To make it a circle, add border-radius of 50%

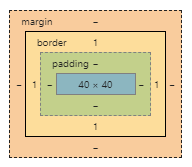
border-radius: 50%;

1. Add border / padding, both of them are actually not required but we use then because of below fact,

***Margin does not affect the child's position in relation to its parent, unless the parent has padding/border, in which case most browsers will then add the child's margin to the parent's padding.***

Border: 1px solid; / padding: 1px;

At this point you have made a circle.

 With box-model, 

Now to create Circle 2 (a dot ) inside Circle 1

**Second Div: <div class="target-dot"> Inner circle**

1. Give it some width and height (smaller then outer circle)

width: 10px;

height: 10px;

1. Give it a background color to make it visible

background: inherit;



1. To make it a circle, add border-radius of 50%

border-radius: 50%;



1. Add a thick border

border: 10px solid white;



1. Add margins to bring it to the center of outer circle

margin: 5px auto;

[

margin-top: 5px;

margin-right: auto;

margin-bottom: 5px;

margin-left: auto;]



**Note:**

IF : we did not added border / padding in the outer circle

THEN : the margins of **Inner Circle** would be merged with padding of **Outer Circle**

look like

