

Converting Colors

Hex(E90070)

Have a look what the booklet for
Hex(E90070) contains.

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Color

Hex(E90070)

Conversions

Conversions Part 1

Format	Color
Hex	E90070
RGB	233, 0, 112
RGB Percent	91%, 0%, 44%
CMY	0.0863, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.52, 0.09
HSL	331°, 100%, 46%
HSV	331°, 100%, 91%
XYZ	36.5289, 18.4935, 16.9735
YIQ	82.4350, 102.9160, 84.2280

Conversions

Conversions Part 2

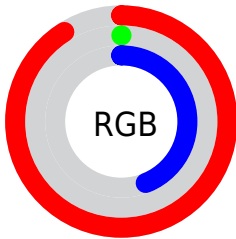
Format	Color
R_{YB}	233, 0, 112
Decimal	15270000
CIE _{Lab}	50.09, 78.66, 6.31
CIE _{LCh}	50, 78.912, 4.585
Yxy	18.4935, 0.5074, 0.2569
Android (android.graphics.Color)	4293460080 (0xFFE90070)
YUV	82.4350, 14.5755, 132.0455
Hunter-Lab	43.0041, 76.3660, 6.7013

Details

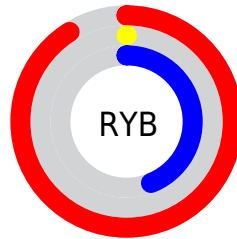
The Hex color **E90070** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00E979**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5EA3**, and **AA0041** is the 20% darker color. If you saturate the color by 10%, you get **E90070**, and if you desaturate by 10%, it is **E9177C**.

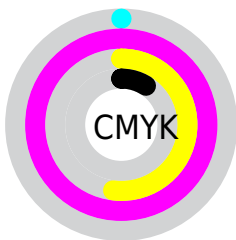
Distribution



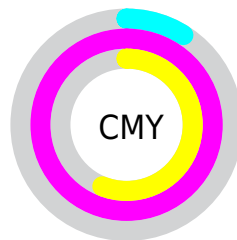
- Red (91%)
- Green (0%)
- Blue (44%)



- Red (91%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E90070 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E90070 by changing the saturation by 10% instead.

 E90070

 E90070

FFFFFF

 C90058

 FF5EA3

 AA0041

 FF7EBE

 8B002B

 FF9CDA

 6C0017

 FFBAF6

 500004

 FFD8FF

 2F0002

 FFF7FF

 000000

 E90070

 E9177C

 E92F88

 E94694

 E95DA0

 E975AC

 E98CB9

 E9A3C5

 E9BAD1

 E9D2DD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CD32B2



E90070



E0332F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E90070



3E8800



008DF1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E90070



00E979

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0093C2



E90070



009039

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E90070



887800



009380



007DFF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E90070



CB5100



009380



0090E5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E90070



FFB3D7



7800E9



805268



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E90070



FF007B



E90400



756A6F



B50057



36001A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E90070



FF007B



00E5E9



756A6F



B50057



36001A

Previews

White Background



This preview shows how the Hex color E90070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E90070 Background



This preview shows how black text looks on a background with the Hex color E90070.



This preview shows how white text looks on a background with the Hex color E90070.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
E90070



Protanomaly
9A4C90



Deuteranomaly
AD4A6A



Tritanomaly
E71D45

Monochromacy



Original Color
E90070



Achromatopsia
525252



Achromatomaly
89345D

CSS Examples

Text

The CSS property to change the color of the text to Hex E90070 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E90070 looks like.

```
.text, #text, p{  
    color:#E90070  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E90070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E90070
}
```

Border

The CSS property to change the border of an element to Hex E90070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E90070 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E90070 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E90070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E90070; -webkit-box-shadow:4px 4px  
4px 4px #E90070; box-shadow:4px 4px 4px  
4px #E90070 }
```

Background

The CSS property to change the background color of an element to Hex E90070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E90070 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E90070 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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