

Converting Colors

Hex(E50082)

Have a look what the booklet for
Hex(E50082) contains.

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Color

Hex(E50082)

Conversions

Conversions Part 1

Format	Color
Hex	E50082
RGB	229, 0, 130
RGB Percent	90%, 0%, 51%
CMY	0.1020, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.43, 0.10
HSL	326°, 100%, 45%
HSV	326°, 100%, 90%
XYZ	36.3424, 18.2697, 22.7300
YIQ	83.2910, 94.7540, 88.9780

Conversions

Conversions Part 2

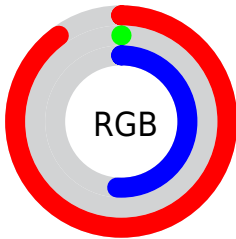
Format	Color
R_{YB}	229, 0, 130
Decimal	15007874
CIE _{Lab}	49.82, 79.19, -5.16
CIE _{LCh}	50, 79.361, 356.274
Yxy	18.2697, 0.4699, 0.2362
Android (android.graphics.Color)	4293197954 (0xFFE50082)
YUV	83.2910, 23.0275, 127.7868
Hunter-Lab	42.7431, 76.9694, -1.6092

Details

The Hex color **E50082** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **00E563**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5EB7**, and **A70051** is the 20% darker color. If you saturate the color by 10%, you get **E50082**, and if you desaturate by 10%, it is **E5178C**.

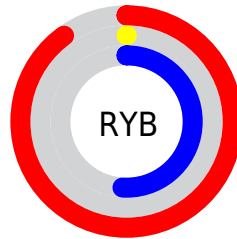
Distribution



Red (90%)

Green (0%)

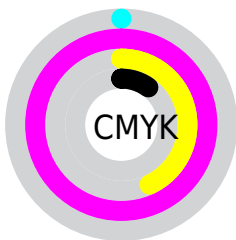
Blue (51%)



Red (90%)

Yellow (0%)

Blue (51%)

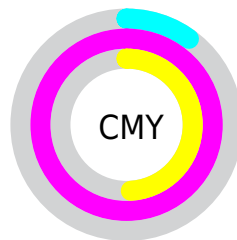


Cyan (0%)

Magenta (100%)

Yellow (43%)

Black (10%)



Cyan (10%)

Magenta (100%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color E50082 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 E50082 by changing the saturation by 10% instead.

 E50082

 E50082

FFFFFF

 C60069

 FF5EB7

 A70051

 FF7DD2

 89003A

 FF9CEF

 6A0025

 FFBAFF

 4F000F

 FFD8FF

 2F0002

 FFF6FF

 000000

 E50082

 E5178C

 E52E96

 E545A0

 E55CAA

 E573B3

 E589BD

 E5A0C7

 E5B7D1

 E5CEDB

Harmonies

Analogous

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



BD3FC3



E50082



E62240

Triad

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



E50082



568400



008FE7

Complementary

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



E50082



00E563

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.



0093B1



E50082



008E21

Square

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



E50082



977100



00926C



0082FF

Rectangle

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



E50082



D5440F



00926C



0091D8

Sweetspot

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



E50082



FFB3DE



5F00E5



80526C



000000



808080

Same Dimension

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



E50082



FF0091



E50013



73676E



B30065



33001D

Inverse Universe

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



E50082



FF0091



00E5D2



73676E



B30065



33001D

Previews

White Background



This preview shows how the Hex color E50082 looks on a white 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

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 E50082 Background



This preview shows how black text looks on a background with the Hex color E50082.




This preview shows how white text looks on a background with the Hex color E50082.

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





Tritanopia
E13435

Trichromacy



Original Color
E50082



Protanomaly
904BA6



Deuteranomaly
A74A7C



Tritanomaly
E22151

Monochromacy



Original Color
E50082



Achromatopsia
535353



Achromatomaly
883564

CSS Examples

Text

The CSS property to change the color of the text to Hex E50082 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 #E50082 looks like.

```
.text, #text, p{  
  color:#E50082  
}
```

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 #E50082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50082
}
```

Border

The CSS property to change the border of an element to Hex E50082 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
#E50082 }
```

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

```
.border{ border-color:#E50082 }
```

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

Here you see how a box with a 4 pixel #E50082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50082; -webkit-box-shadow:4px 4px  
4px 4px #E50082; box-shadow:4px 4px 4px  
4px #E50082 }
```

Background

The CSS property to change the background color of an element to Hex E50082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50082 }
```

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

```
.background{ background-color:#E50082 }
```

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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