

Converting Colors

Hex(EC45B4)

Have a look what the booklet for
Hex(EC45B4) contains.

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Color

Hex(**EC45B4**)

Conversions

Conversions Part 1

Format	Color
Hex	EC45B4
RGB	236, 69, 180
RGB Percent	93%, 27%, 71%
CMY	0.0745, 0.7294, 0.2941
CMYK	0.00, 0.71, 0.24, 0.07
HSL	320°, 81%, 60%
HSV	320°, 71%, 93%
XYZ	44.9584, 25.3844, 45.7101
YIQ	131.5870, 63.9010, 69.9250

Conversions

Conversions Part 2

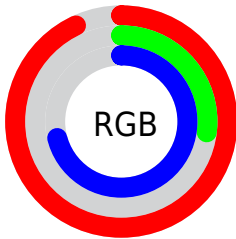
Format	Color
R _Y B	236, 69, 180
Decimal	15484340
CIE Lab	57.45, 72.99, -23.12
CIE LCh	57, 76.566, 342.424
Yxy	25.3844, 0.3874, 0.2187
Android (android.graphics.Color)	4293674420 (0xFFEC45B4)
YUV	131.5870, 23.8676, 91.5702
Hunter-Lab	50.3829, 71.1115, -18.5230

Details

The Hex color **EC45B4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **45EC7D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF82EC**, and **B0007F** is the 20% darker color. If you saturate the color by 10%, you get **EC2DAC**, and if you desaturate by 10%, it is **EC5DBC**.

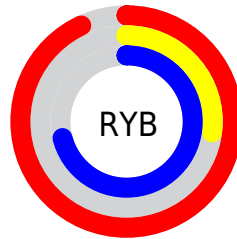
Distribution



Red (93%)

Green (27%)

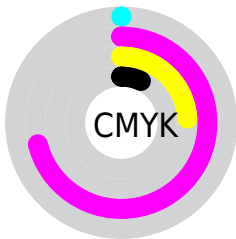
Blue (71%)



Red (93%)

Yellow (27%)

Blue (71%)

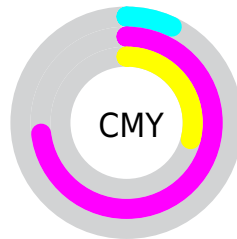


Cyan (0%)

Magenta (71%)

Yellow (24%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC45B4 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 EC45B4 by changing the saturation by 10% instead.

 EC45B4

 EC45B4

FFFFFF

 CE1F99

 FF82EC

 B0007F

 FF9FFF

 930066

 FFBDFE

 76004E

 FFDAFF

 590036

 FFF8FF

 3E0021

 200004

 000000

 EC45B4

 EC45B4

 EC2DAC

 EC5DBC

 EC16A4

 EC74C4

 EC009D

 EC8CCC

 ECA3D4

 ECBBDC

 ECD3E3

 ECEAEB

 ECFFF3

 ECFFFB

Harmonies

Analogous

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



AE6AEE



EC45B4



FF3A71

Triad

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



EC45B4



8D9000



00A5E3

Complementary

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



EC45B4



45EC7D

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.



00A7A5



EC45B4



3C9E11

Square

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



EC45B4



C67800



00A55F



009DFF

Rectangle

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



EC45B4



F74C46



00A55F



00A7D0

Sweetspot

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



EC45B4



FFC9ED



7D45EC



806075



000000



808080

Same Dimension

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



EC45B4



FF26B6



EC4561



756A71



B50078



360024

Inverse Universe

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



EC45B4



FF26B6



45ECD0



756A71



B50078



360024

Previews

White Background



This preview shows how the Hex color EC45B4 looks on a white background.

Color Contrast Check

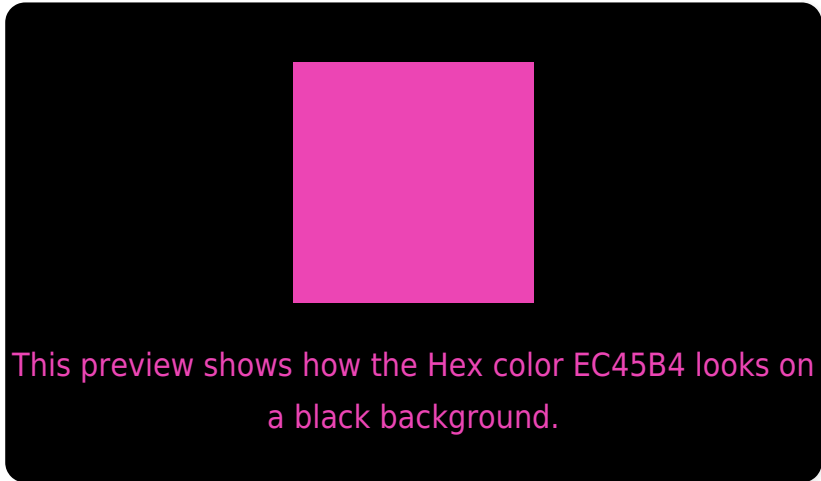
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC45B4 Background



This preview shows how black text looks on a background with the Hex color EC45B4.

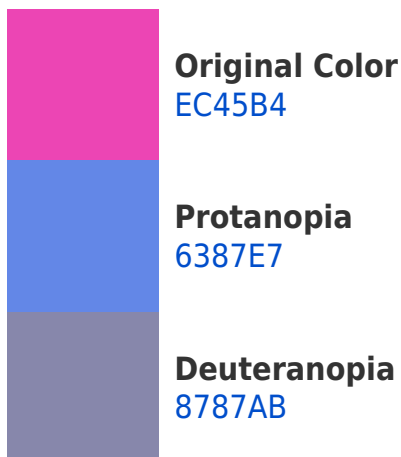



This preview shows how white text looks on a background with the Hex color EC45B4.

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](#).

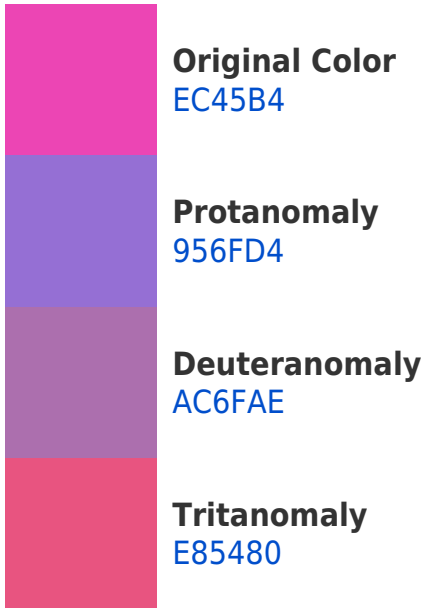
Dichromacy





Tritanopia
E55D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC45B4 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 #EC45B4 looks like.

```
.text, #text, p{  
    color:#EC45B4  
}
```

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 #EC45B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC45B4
}
```

Border

The CSS property to change the border of an element to Hex EC45B4 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
#EC45B4 }
```

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

```
.border{ border-color:#EC45B4 }
```

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

Here you see how a box with a 4 pixel #EC45B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC45B4; -webkit-box-shadow:4px 4px  
4px 4px #EC45B4; box-shadow:4px 4px 4px  
4px #EC45B4 }
```

Background

The CSS property to change the background color of an element to Hex EC45B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC45B4 }
```

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

```
.background{ background-color:#EC45B4 }
```

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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