

# Converting Colors

Hex(EA48E5)

Have a look what the booklet for  
Hex(EA48E5) contains.

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# Color

Hex(EA48E5)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA48E5
RGB	234, 72, 229
RGB Percent	92%, 28%, 90%
CMY	0.0824, 0.7176, 0.1020
CMYK	0.00, 0.69, 0.02, 0.08
HSL	302°, 79%, 60%
HSV	302°, 69%, 92%
XYZ	50.3919, 27.7843, 76.8357
YIQ	138.3360, 46.1550, 83.1710

# Conversions

## Conversions Part 2

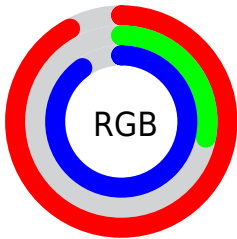
Format	Color
<a href="#">RYB</a>	<a href="#">234, 72, 229</a>
Decimal	<a href="#">15354085</a>
CIELab	<a href="#">59.69, 78.41, -47.55</a>
CIELCh	<a href="#">60, 91.707, 328.766</a>
Yxy	<a href="#">27.7843, 0.3251, 0.1792</a>
Android (android.graphics.Color)	<a href="#">4293544165 (0xFFEA48E5)</a>
YUV	<a href="#">138.3360, 44.6974, 83.8973</a>
Hunter-Lab	<a href="#">52.7108, 78.4033, -49.5285</a>

# Details

The Hex color **EA48E5** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **48EA4D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF85FF**, and **AE00AD** is the 20% darker color. If you saturate the color by 10%, you get **EA31E4**, and if you desaturate by 10%, it is **EA5FE6**.

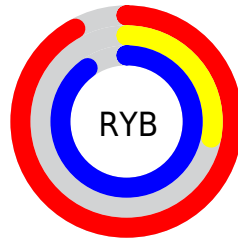
# Distribution



Red (92%)

Green (28%)

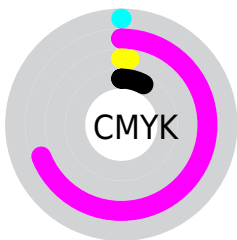
Blue (90%)



Red (92%)

Yellow (28%)

Blue (90%)

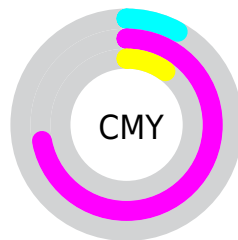


Cyan (0%)

Magenta (69%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (72%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA48E5 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 EA48E5 by changing the saturation by 10% instead.



 EA48E5

 EA48E5

FFFFFF

 CC22C9

 FF85FF

 AE00AD

 FFA3FF

 910092

 FFC0FF

 740078

 FFDEFF

 58005E

 FFFDFD

 3E0046

 20002E

 000118

 000000

 EA48E5

 EA48E5

 EA31E4

 EA5FE6

 EA19E4

 EA77E6

 EA02E3

 EA8EE7

 EA00E3

 EAA6E8

 EABDE9

 EAD4E9

 EAECEA

 EAFFEB

# Harmonies

## Analogous

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



787BFF



EA48E5



FF0097

# Triad

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



EA48E5



B18C00



00B1DC

# Complementary

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



EA48E5



48EA4D

# 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.



00B18A



EA48E5



60A100

# Square

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



EA48E5



ED6800



00AC32



00ACFF

# Rectangle

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



EA48E5



FF1562



00AC32



00B2C2



# Sweetspot

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



EA48E5



FFC9FD



4B48EA



80607F



000000



808080



# Same Dimension

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



EA48E5



FF2BF8



EA4896



756A75



B500AF



360034



# Inverse Universe

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



EA48E5



FF2BF8



48EA9C



756A75



B500AF



360034



# Previews

## White Background



This preview shows how the Hex color EA48E5 looks on a white background.

## Color Contrast Check

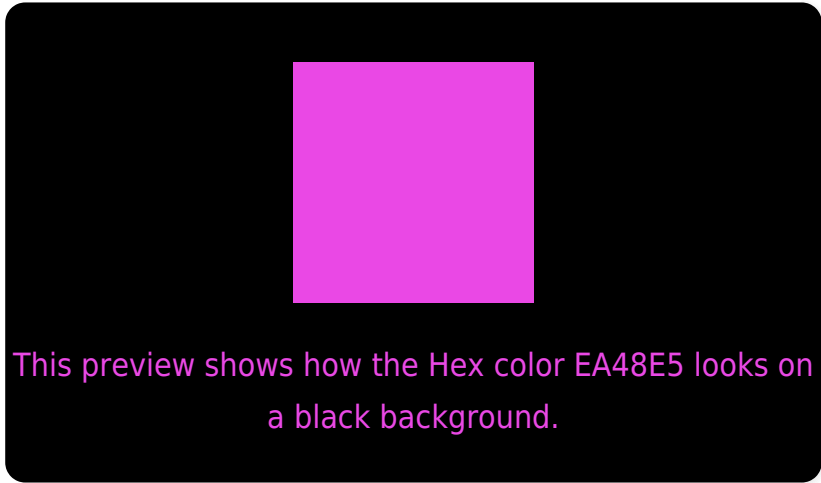
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA48E5 Background



This preview shows how black text looks on a background with the Hex color EA48E5.

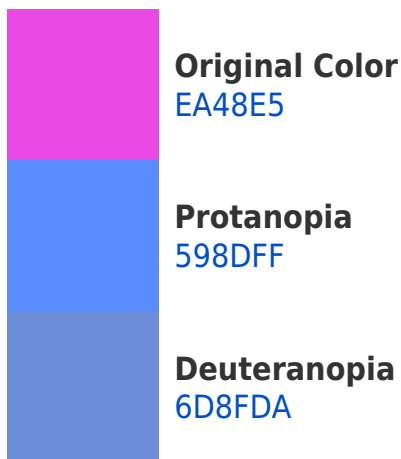



This preview shows how white text looks on a background with the Hex color EA48E5.

# 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**  
DD6D74

# Trichromacy



**Original Color**  
EA48E5



**Protanomaly**  
8E74F6



**Deuteranomaly**  
9A75DE



**Tritanomaly**  
E2609D

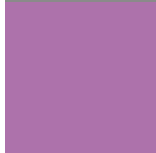
# Monochromacy



**Original Color**  
EA48E5



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
AD72AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA48E5 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 #EA48E5 looks like.

```
.text, #text, p{  
    color:#EA48E5  
}
```

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 #EA48E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA48E5
}
```

## Border

The CSS property to change the border of an element to Hex EA48E5 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
#EA48E5 }
```

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

```
.border{ border-color:#EA48E5 }
```

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

Here you see how a box with a 4 pixel #EA48E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA48E5; -webkit-box-shadow:4px 4px  
4px 4px #EA48E5; box-shadow:4px 4px 4px  
4px #EA48E5 }
```

# Background

The CSS property to change the background color of an element to Hex EA48E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA48E5 }
```

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

```
.background{ background-color:#EA48E5 }
```

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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