

# Converting Colors

Hex(EA06B5)

Have a look what the booklet for  
Hex(EA06B5) contains.

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**Color**

**Hex(EA06B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA06B5
RGB	234, 6, 181
RGB Percent	92%, 2%, 71%
CMY	0.0824, 0.9765, 0.2902
CMYK	0.00, 0.97, 0.23, 0.08
HSL	314°, 95%, 47%
HSV	314°, 97%, 92%
XYZ	42.3373, 20.9589, 45.5301
YIQ	94.1220, 79.7130, 102.7610

# Conversions

## Conversions Part 2

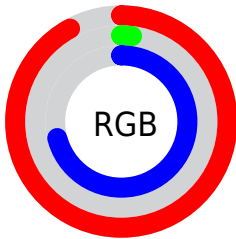
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 6, 181
Decimal	15337141
CIELab	52.90, 84.85, -30.76
CIElCh	53, 90.255, 340.076
Yxy	20.9589, 0.3890, 0.1926
Android (android.graphics.Color)	4293527221 (0xFFEA06B5)
YUV	94.1220, 42.8309, 122.6730
Hunter-Lab	45.7809, 84.9570, -26.9186

# Details

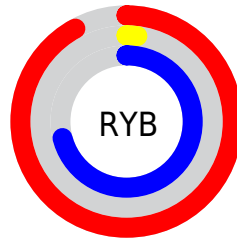
The Hex color **EA06B5** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **06EA3B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63ED**, and **AD0080** is the 20% darker color. If you saturate the color by 10%, you get **EA00B4**, and if you desaturate by 10%, it is **EA1DBA**.

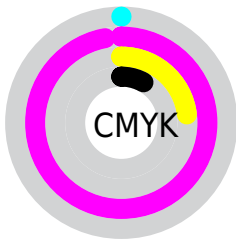
# Distribution



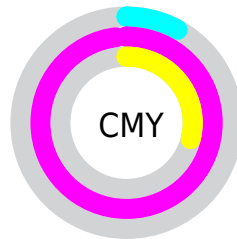
- Red (92%)
- Green (2%)
- Blue (71%)



- Red (92%)
- Yellow (2%)
- Blue (71%)



- Cyan (0%)
- Magenta (97%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (98%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA06B5 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 EA06B5 by changing the saturation by 10% instead.



 EA06B5

 EA06B5

FFFFFF

 CB009A

 FF63ED

 AD0080

 FF82FF

 8F0066

 FFA1FF

 72004E

 FFBFFF

 550037

 FFDEFF

 380021

 FFFDFD

 170004

 000000

 EA06B5

 EA06B5

EA00B4

EA1DBA

EA35C0

EA4CC5

EA64CB

EA7BD0

EA92D6

EAAADB

EAC1E1

EAD9E6

# Harmonies

## Analogous

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



9C59F7



EA06B5



FF0068

# Triad

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



EA06B5



828400



009DE2

# Complementary

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



EA06B5



06EA3B

# 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.



009E98



EA06B5



119300

# Square

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



EA06B5



C36600



009B45



0095FF

# Rectangle

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



EA06B5



F91336



009B45



009ECB



# Sweetspot

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



EA06B5



FFB5EE



3706EA



805375



000000



808080



# Same Dimension

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



EA06B5



FF00C4



EA0647



756A73



B5008B



360029



# Inverse Universe

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



EA06B5



FF00C4



06EAA9



756A73



B5008B



360029



# Previews

## White Background



This preview shows how the Hex color EA06B5 looks on a white background.

## Color Contrast Check

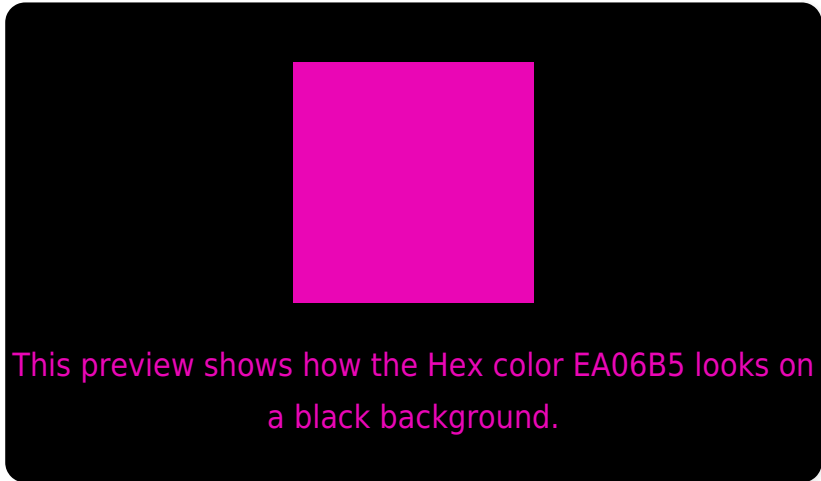
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA06B5 Background



This preview shows how black text looks on a background with the Hex color EA06B5.



This preview shows how white text looks on a background with the Hex color EA06B5.

# 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**  
E2474B

# Trichromacy



**Original Color**  
EA06B5



**Protanomaly**  
6E50E4



**Deuteranomaly**  
A052AD



**Tritanomaly**  
E52F72

# Monochromacy



**Original Color**  
EA06B5



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
913E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA06B5 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 #EA06B5 looks like.

```
.text, #text, p{  
    color:#EA06B5  
}
```

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 #EA06B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA06B5
}
```

## Border

The CSS property to change the border of an element to Hex EA06B5 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
#EA06B5 }
```

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

```
.border{ border-color:#EA06B5 }
```

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

Here you see how a box with a 4 pixel #EA06B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA06B5; -webkit-box-shadow:4px 4px  
4px 4px #EA06B5; box-shadow:4px 4px 4px  
4px #EA06B5 }
```

# Background

The CSS property to change the background color of an element to Hex EA06B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA06B5 }
```

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

```
.background{ background-color:#EA06B5 }
```

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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