

# Converting Colors

Hex(E214B3)

Have a look what the booklet for  
Hex(E214B3) contains.

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**Color**

**Hex(E214B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E214B3
RGB	226, 20, 179
RGB Percent	89%, 8%, 70%
CMY	0.1137, 0.9216, 0.2980
CMYK	0.00, 0.91, 0.21, 0.11
HSL	314°, 84%, 48%
HSV	314°, 91%, 89%
XYZ	39.7509, 19.9237, 44.3984
YIQ	99.7200, 71.7370, 93.1210

# Conversions

## Conversions Part 2

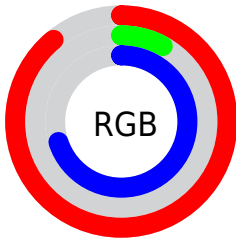
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 20, 179
Decimal	14816435
CIE Lab	51.75, 81.89, -31.50
CIE LCh	52, 87.734, 338.961
Yxy	19.9237, 0.3820, 0.1914
Android (android.graphics.Color)	4293006515 (0xFFE214B3)
YUV	99.7200, 39.0850, 110.7476
Hunter-Lab	44.6360, 80.8512, -27.7292

# Details

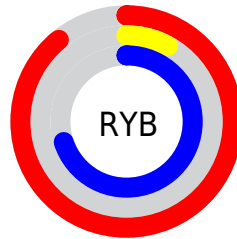
The Hex color **E214B3** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **14E243**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF65EB**, and **A6007E** is the 20% darker color. If you saturate the color by 10%, you get **E200AE**, and if you desaturate by 10%, it is **E22BB8**.

# Distribution



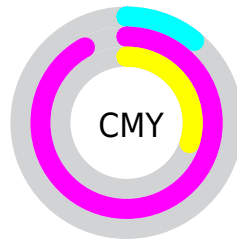
- Red (89%)
- Green (8%)
- Blue (70%)



- Red (89%)
- Yellow (8%)
- Blue (70%)



- Cyan (0%)
- Magenta (91%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (92%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E214B3 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 E214B3 by changing the saturation by 10% instead.



 E214B3

 E214B3

FFFFFF

 C40098

 FF65EB

 A6007E

 FF83FF

 880065

 FFA2FF

 6B004C

 FFC0FF

 4F0035

 FFDEFF

 32001F

 FFFDFF

 080000

 000000

 E214B3

 E214B3

 E200AE

 E22BB8

 E241BD

 E258C2

 E26EC8

 E285CD

 E29CD2

 E2B2D7

 E2C9DC

 E2DFE1

# Harmonies

## Analogous

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



945AF2



E214B3



FA0069

# Triad

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



E214B3



828000



0099D9

# Complementary

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



E214B3



14E243

# 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.



009A91



E214B3



1F8F00

# Square

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



E214B3



C06300



009741



0092FF

# Rectangle

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



E214B3



F41338



009741



009AC3



# Sweetspot

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



E214B3



FFBAEF



4114E2



805776



000000



808080



# Same Dimension

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



E214B3



FF00C5



E2144E



70656E



B00088



300025



# Inverse Universe

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



E214B3



FF00C5



14E2A8



70656E



B00088



300025



# Previews

## White Background



This preview shows how the Hex color E214B3 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 E214B3 Background



This preview shows how black text looks on a background with the Hex color E214B3.

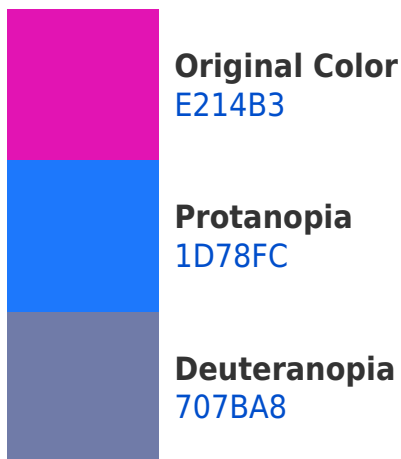


This preview shows how white text looks on a background with the Hex color E214B3.

# 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**  
E214B3



**Protanomaly**  
6554E1



**Deuteranomaly**  
9956AC



**Tritanomaly**  
DD3571

# Monochromacy



**Original Color**  
E214B3



**Achromatopsia**  
646464



**Achromatomaly**  
924781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E214B3 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 #E214B3 looks like.

```
.text, #text, p{  
    color:#E214B3  
}
```

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 #E214B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E214B3
}
```

## Border

The CSS property to change the border of an element to Hex E214B3 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
#E214B3 }
```

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

```
.border{ border-color:#E214B3 }
```

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

Here you see how a box with a 4 pixel #E214B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E214B3; -webkit-box-shadow:4px 4px  
4px 4px #E214B3; box-shadow:4px 4px 4px  
4px #E214B3 }
```

# Background

The CSS property to change the background color of an element to Hex E214B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E214B3 }
```

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

```
.background{ background-color:#E214B3 }
```

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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