

Converting Colors

Hex(E221B3)

Have a look what the booklet for
Hex(E221B3) contains.

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Color

Hex(E221B3)

Conversions

Conversions Part 1

Format	Color
Hex	E221B3
RGB	226, 33, 179
RGB Percent	89%, 13%, 70%
CMY	0.1137, 0.8706, 0.2980
CMYK	0.00, 0.85, 0.21, 0.11
HSL	315°, 77%, 51%
HSV	315°, 85%, 89%
XYZ	40.0446, 20.5111, 44.4963
YIQ	107.3510, 68.1620, 86.3220

Conversions

Conversions Part 2

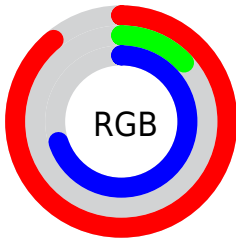
Format	Color
R _Y B	226, 33, 179
Decimal	14819763
CIE Lab	52.41, 79.96, -30.47
CIE LCh	52, 85.570, 339.141
Yxy	20.5111, 0.3812, 0.1952
Android (android.graphics.Color)	4293009843 (0xFFE221B3)
YUV	107.3510, 35.3230, 104.0552
Hunter-Lab	45.2892, 78.5729, -26.5495

Details

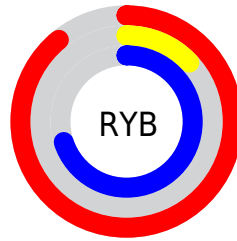
The Hex color **E221B3** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **21E250**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6AEB**, and **A6007E** is the 20% darker color. If you saturate the color by 10%, you get **E20AAD**, and if you desaturate by 10%, it is **E238B9**.

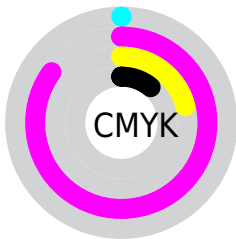
Distribution



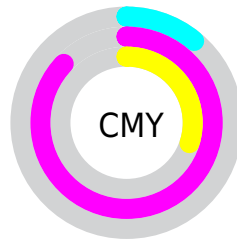
- Red (89%)
- Green (13%)
- Blue (70%)



- Red (89%)
- Yellow (13%)
- Blue (70%)



- Cyan (0%)
- Magenta (85%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (87%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color E221B3 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 E221B3 by changing the saturation by 10% instead.

 E221B3

 E221B3

FFFFFF

 C40098

 FF6AEB

 A6007E

 FF88FF

 880065

 FFA6FF

 6B004C

 FFC4FF

 500035

 FFE2FF

 33001F

 0B0001

 000000

 E221B3

 E221B3

 E20AAD

 E238B9

 E200AB

 E24EBE

 E265C4

 E27BC9

 E292CF

 E2A9D4

 E2BFDA

 E2D6DF

 E2ECE5

Harmonies

Analogous

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



965CF1



E221B3



FA006A

Triad

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



E221B3



848100



009BD9

Complementary

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



E221B3



21E250

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.



009B92



E221B3



269100

Square

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



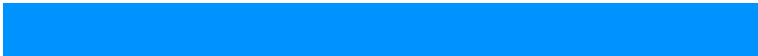
E221B3



C06500



009845



0093FF

Rectangle

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



E221B3



F3213B



009845



009BC3

Sweetspot

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



E221B3



FFBDEF



4E21E2



805876



000000



808080

Same Dimension

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



E221B3



FF00C1



E22154



70656D



B00085



300025

Inverse Universe

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



E221B3



FF00C1



21E2AF



70656D



B00085



300025

Previews

White Background



This preview shows how the Hex color E221B3 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 E221B3 Background



This preview shows how black text looks on a background with the Hex color E221B3.

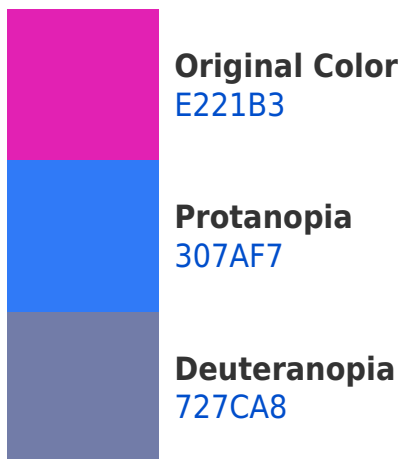


This preview shows how white text looks on a background with the Hex color E221B3.

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
DA4B50

Trichromacy



Original Color
E221B3



Protanomaly
715ADE



Deuteranomaly
9B5BAC



Tritanomaly
DD3C74

Monochromacy



Original Color
E221B3



Achromatopsia
6B6B6B



Achromatomaly
965085

CSS Examples

Text

The CSS property to change the color of the text to Hex E221B3 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 #E221B3 looks like.

```
.text, #text, p{  
  color:#E221B3  
}
```

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 #E221B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E221B3
}
```

Border

The CSS property to change the border of an element to Hex E221B3 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
#E221B3 }
```

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

```
.border{ border-color:#E221B3 }
```

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

Here you see how a box with a 4 pixel #E221B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E221B3; -webkit-box-shadow:4px 4px  
4px 4px #E221B3; box-shadow:4px 4px 4px  
4px #E221B3 }
```

Background

The CSS property to change the background color of an element to Hex E221B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E221B3 }
```

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

```
.background{ background-color:#E221B3 }
```

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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