

Converting Colors

Hex(E217C1)

Have a look what the booklet for
Hex(E217C1) contains.

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Color

Hex(E217C1)

Conversions

Conversions Part 1

Format	Color
Hex	E217C1
RGB	226, 23, 193
RGB Percent	89%, 9%, 76%
CMY	0.1137, 0.9098, 0.2431
CMYK	0.00, 0.90, 0.15, 0.11
HSL	310°, 82%, 49%
HSV	310°, 90%, 89%
XYZ	41.2961, 20.6318, 52.2579
YIQ	103.0770, 66.4180, 95.9060

Conversions

Conversions Part 2

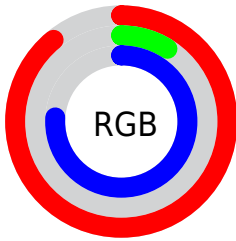
Format	Color
R _Y B	226, 23, 193
Decimal	14817217
CIE Lab	52.54, 83.25, -38.41
CIE LCh	53, 91.683, 335.233
Yxy	20.6318, 0.3617, 0.1807
Android (android.graphics.Color)	4293007297 (0xFFE217C1)
YUV	103.0770, 44.3320, 107.8035
Hunter-Lab	45.4222, 82.7961, -36.4170

Details

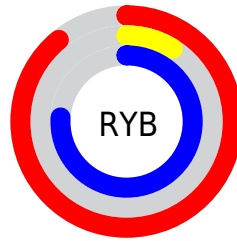
The Hex color **E217C1** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **17E238**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66FA**, and **A6008B** is the 20% darker color. If you saturate the color by 10%, you get **E200BD**, and if you desaturate by 10%, it is **E22EC5**.

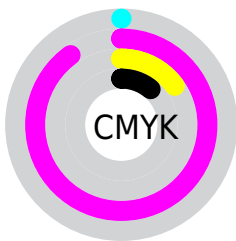
Distribution



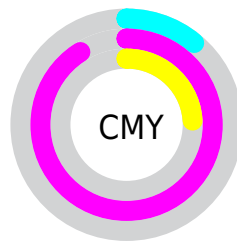
- Red (89%)
- Green (9%)
- Blue (76%)



- Red (89%)
- Yellow (9%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color E217C1 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 E217C1 by changing the saturation by 10% instead.

 E217C1

 E217C1

FFFFFF

 C400A6

 FF66FA

 A6008B

 FF85FF

 880071

 FFA3FF

 6B0058

 FFC2FF

 4F0040

 FFE0FF

 320029

FFFEFF

 0B0012

 000000

 E217C1

 E217C1

 E200BD

 E22EC5

 E244C8

 E25BCC

 E271D0

 E288D3

 E29FD7

 E2B5DB

 E2CCDE

 E2E2E2

Harmonies

Analogous

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



8560FF



E217C1



FF0073

Triad

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



E217C1



8D7F00



009DD7

Complementary

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



E217C1



17E238

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.



009D8A



E217C1



2F9100

Square

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



E217C1



CB5E00



009935



0097FF

Rectangle

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



E217C1



FD0040



009935



009DBF

Sweetspot

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



E217C1



FFBAF4



3517E2



805779



000000



808080

Same Dimension

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



E217C1



FF00D6



E2175E



70656E



B00093



300029

Inverse Universe

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



E217C1



FF00D6



17E29B



70656E



B00093



300029

Previews

White Background



This preview shows how the Hex color E217C1 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

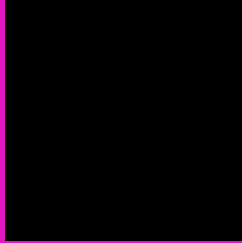
Any Text WCAG AA ✓ Pass

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 E217C1 Background



This preview shows how black text looks on a background with the Hex color E217C1.

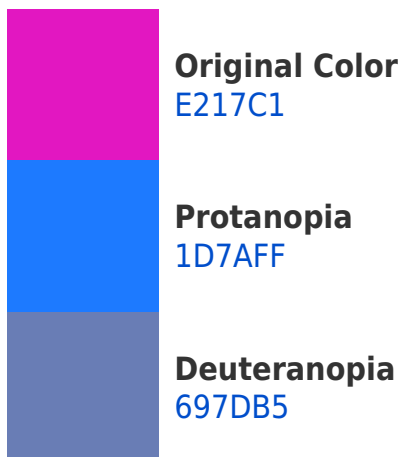


This preview shows how white text looks on a background with the Hex color E217C1.

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
D84E53

Trichromacy



Original Color
E217C1



Protanomaly
6556E8



Deuteranomaly
9558B9



Tritanomaly
DC3A7B

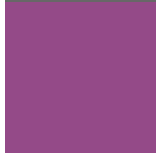
Monochromacy



Original Color
E217C1



Achromatopsia
676767



Achromatomaly
944A88

CSS Examples

Text

The CSS property to change the color of the text to Hex E217C1 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 #E217C1 looks like.

```
.text, #text, p{  
    color:#E217C1  
}
```

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 #E217C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E217C1
}
```

Border

The CSS property to change the border of an element to Hex E217C1 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
#E217C1 }
```

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

```
.border{ border-color:#E217C1 }
```

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

Here you see how a box with a 4 pixel #E217C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E217C1; -webkit-box-shadow:4px 4px  
4px 4px #E217C1; box-shadow:4px 4px 4px  
4px #E217C1 }
```

Background

The CSS property to change the background color of an element to Hex E217C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E217C1 }
```

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

```
.background{ background-color:#E217C1 }
```

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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