

Converting Colors

Hex(EA218C)

Have a look what the booklet for
Hex(EA218C) contains.

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Color

Hex(EA218C)

Conversions

Conversions Part 1

Format	Color
Hex	EA218C
RGB	234, 33, 140
RGB Percent	92%, 13%, 55%
CMY	0.0824, 0.8706, 0.4510
CMYK	0.00, 0.86, 0.40, 0.08
HSL	328°, 83%, 52%
HSV	328°, 86%, 92%
XYZ	39.2092, 20.4736, 26.6962
YIQ	105.2970, 85.4490, 75.8890

Conversions

Conversions Part 2

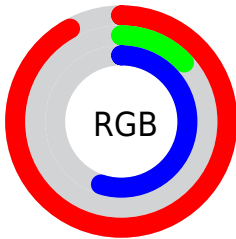
Format	Color
R_{YB}	234, 33, 140
Decimal	15344012
CIE Lab	52.37, 77.52, -7.30
CIE LCh	52, 77.860, 354.620
Yxy	20.4736, 0.4539, 0.2370
Android (android.graphics.Color)	4293534092 (0xFFEA218C)
YUV	105.2970, 17.1086, 112.8725
Hunter-Lab	45.2477, 75.4945, -3.3077

Details

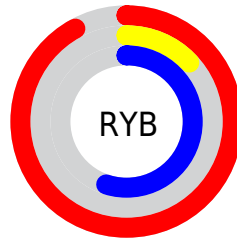
The Hex color **EA218C** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **21EA7F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF69C1**, and **AC005A** is the 20% darker color. If you saturate the color by 10%, you get **EA0A81**, and if you desaturate by 10%, it is **EA3897**.

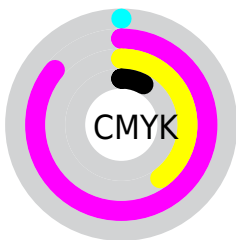
Distribution



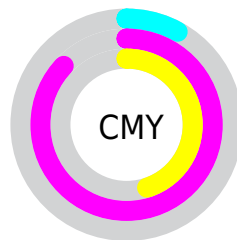
- Red (92%)
- Green (13%)
- Blue (55%)



- Red (92%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (86%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA218C 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 EA218C by changing the saturation by 10% instead.

 EA218C

 EA218C

FFFFFF

 CB0073

 FF69C1

 AC005A

 FF88DD

 8E0043

 FFA6FA

 70002D

 FFC4FF

 530019

 FFE2FF

 350002

 040000

 000000

 EA218C

 EA218C

EA0A81

EA3897

EA007D

EA50A2

EA67AD

EA7FB8

EA96C3

EAADCE

EAC5D9

EADCE4

EAF4EE

Harmonies

Analogous

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



BF4BCB



EA218C



ED2F4A

Triad

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



EA218C



628900



0096EA

Complementary

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



EA218C



21EA7F

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.



0099B3



EA218C



009426

Square

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



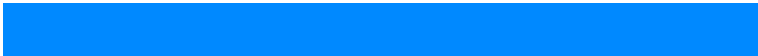
EA218C



A27600



00986E



0089FF

Rectangle

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



EA218C



DD4A1E



00986E



0098DA

Sweetspot

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



EA218C



FFBDE0



7F21EA



80586D



000000



808080

Same Dimension

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



EA218C



FF0088



EA2128



756A70



B50060



36001D

Inverse Universe

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



EA218C



FF0088



21EAE3



756A70



B50060



36001D

Previews

White Background



This preview shows how the Hex color EA218C 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 EA218C Background



This preview shows how black text looks on a background with the Hex color EA218C.

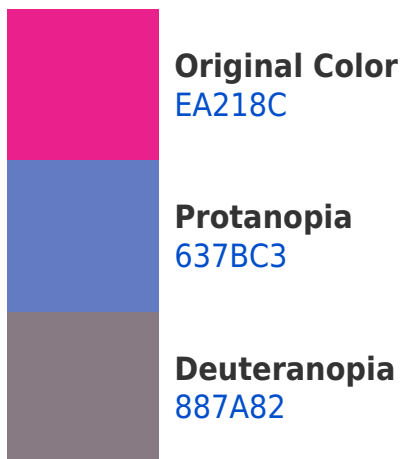


This preview shows how white text looks on a background with the Hex color EA218C.

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
EA218C



Protanomaly
945AAF



Deuteranomaly
AC5A86



Tritanomaly
E7335C

Monochromacy



Original Color
EA218C



Achromatopsia
696969



Achromatomaly
984F76

CSS Examples

Text

The CSS property to change the color of the text to Hex EA218C 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 #EA218C looks like.

```
.text, #text, p{  
    color:#EA218C  
}
```

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 #EA218C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA218C
}
```

Border

The CSS property to change the border of an element to Hex EA218C 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
#EA218C }
```

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

```
.border{ border-color:#EA218C }
```

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

Here you see how a box with a 4 pixel #EA218C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA218C; -webkit-box-shadow:4px 4px  
4px 4px #EA218C; box-shadow:4px 4px 4px  
4px #EA218C }
```

Background

The CSS property to change the background color of an element to Hex EA218C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA218C }
```

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

```
.background{ background-color:#EA218C }
```

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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