

Converting Colors

Hex(E0218A)

Have a look what the booklet for
Hex(E0218A) contains.

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Color

Hex(E0218A)

Conversions

Conversions Part 1

Format	Color
Hex	E0218A
RGB	224, 33, 138
RGB Percent	88%, 13%, 54%
CMY	0.1216, 0.8706, 0.4588
CMYK	0.00, 0.85, 0.38, 0.12
HSL	327°, 75%, 50%
HSV	327°, 85%, 88%
XYZ	35.8718, 18.7700, 25.7771
YIQ	102.0790, 80.1310, 73.1470

Conversions

Conversions Part 2

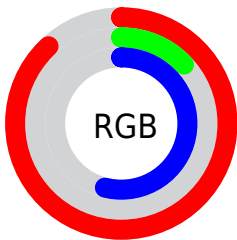
Format	Color
R_{YB}	224, 33, 138
Decimal	14688650
CIE _{Lab}	50.42, 75.05, -9.21
CIE _{LCh}	50, 75.616, 353.002
Yxy	18.7700, 0.4461, 0.2334
Android (android.graphics.Color)	4292878730 (0xFFE0218A)
YUV	102.0790, 17.7091, 106.9247
Hunter-Lab	43.3243, 71.9772, -4.9493

Details

The Hex color **E0218A** is a dark color, and the websafe version is hex **FF3399**, and the color name is **barbie pink (pantone)**. The color can be described as middle washed rose. A complement of this color would be **21E077**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF68BF**, and **A30058** is the 20% darker color. If you saturate the color by 10%, you get **E00B80**, and if you desaturate by 10%, it is **E03794**.

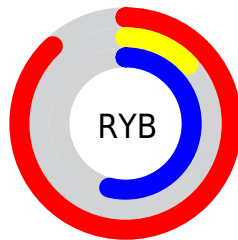
Distribution



Red (88%)

Green (13%)

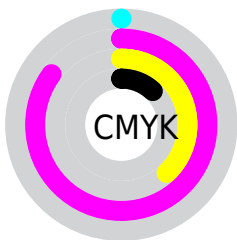
Blue (54%)



Red (88%)

Yellow (13%)

Blue (54%)

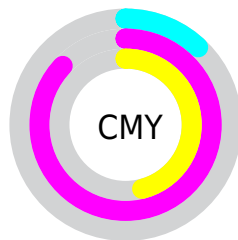


Cyan (0%)

Magenta (85%)

Yellow (38%)

Black (12%)



Cyan (12%)

Magenta (87%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0218A 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 E0218A by changing the saturation by 10% instead.

 E0218A

 E0218A

FFFFFF

 C10071

 FF68BF

 A30058

 FF86DB

 850041

 FFA3F8

 67002B

 FFC1FF

 4C0017

 FFDFFF

 2D0002

 FFFDFF

 000000

 E0218A

 E0218A

 E00B80

 E03794

 E0007B

 E04E9E

 E064A8

 E07BB2

 E091BC

 E0A7C7

 E0BED1

 E0D4DB

 E0EBE5

Harmonies

Analogous

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



B54AC7



E0218A



E52A4A

Triad

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



E0218A



628300



0090DF

Complementary

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



E0218A



21E077

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.



0094A9



E0218A



008E1F

Square

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



E0218A



9E7000



009266



0085F9

Rectangle

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



E0218A



D74520



009266



0092CF

Sweetspot

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



E0218A



FFBDE1



7721E0



80586E



000000



808080

Same Dimension

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



E0218A



FF008C



E0212B



70656B



B00061



30001B

Inverse Universe

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



E0218A



FF008C



21E0D6



70656B



B00061



30001B

Previews

White Background



This preview shows how the Hex color E0218A looks on a white background.

Color Contrast Check

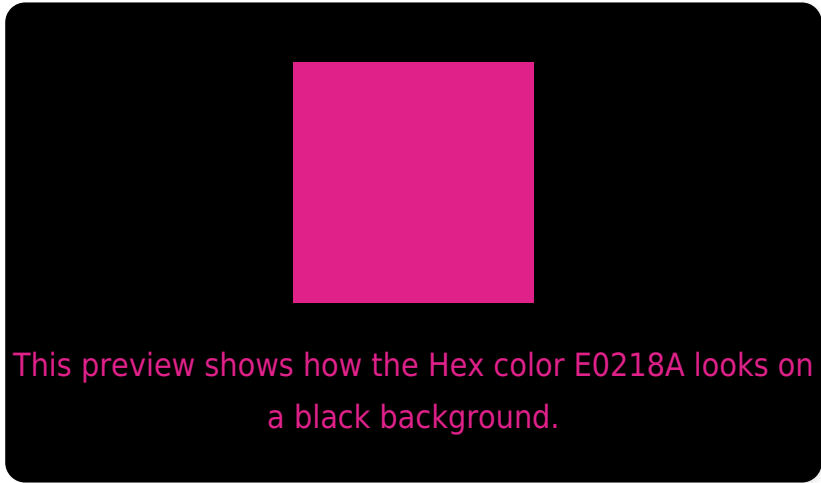
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0218A Background



This preview shows how black text looks on a background with the Hex color E0218A.



This preview shows how white text looks on a background with the Hex color E0218A.

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
E0218A



Protanomaly
8D58AC



Deuteranomaly
A45684

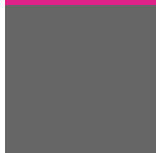


Tritanomaly
DD335B

Monochromacy



Original Color
E0218A



Achromatopsia
666666



Achromatomaly
924D73

CSS Examples

Text

The CSS property to change the color of the text to Hex E0218A 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 #E0218A looks like.

```
.text, #text, p{  
    color:#E0218A  
}
```

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 #E0218A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0218A
}
```

Border

The CSS property to change the border of an element to Hex E0218A 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
#E0218A }
```

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

```
.border{ border-color:#E0218A }
```

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

Here you see how a box with a 4 pixel #E0218A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0218A; -webkit-box-shadow:4px 4px  
4px 4px #E0218A; box-shadow:4px 4px 4px  
4px #E0218A }
```

Background

The CSS property to change the background color of an element to Hex E0218A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0218A }
```

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

```
.background{ background-color:#E0218A }
```

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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