

# Converting Colors

Hex(E048C2)

Have a look what the booklet for  
Hex(E048C2) contains.

<b>Hex(E048C2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(E048C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	E048C2
RGB	224, 72, 194
RGB Percent	88%, 28%, 76%
CMY	0.1216, 0.7176, 0.2392
CMYK	0.00, 0.68, 0.13, 0.12
HSL	312°, 71%, 58%
HSV	312°, 68%, 88%
XYZ	42.7954, 24.3771, 53.4886
YIQ	131.3560, 51.4300, 70.1660

# Conversions

## Conversions Part 2

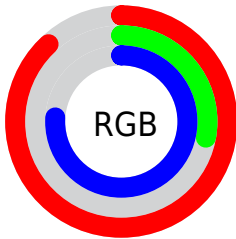
Format	Color
<a href="#">RYB</a>	<a href="#">224, 72, 194</a>
Decimal	<a href="#">14698690</a>
CIELab	<a href="#">56.46, 70.89, -32.87</a>
CIElCh	<a href="#">56, 78.136, 335.121</a>
Yxy	<a href="#">24.3771, 0.3547, 0.2020</a>
Android (android.graphics.Color)	<a href="#">4292888770</a> ( <a href="#">0xFFE048C2</a> )
YUV	<a href="#">131.3560, 30.8835, 81.2488</a>
Hunter-Lab	<a href="#">49.3731, 68.3165, -29.6709</a>

# Details

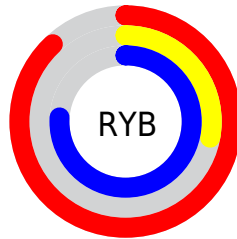
The Hex color **E048C2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **48E066**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF83FB**, and **A5008C** is the 20% darker color. If you saturate the color by 10%, you get **E032BE**, and if you desaturate by 10%, it is **E05EC6**.

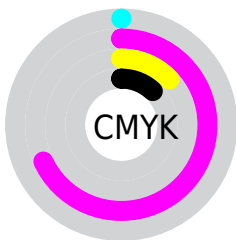
# Distribution



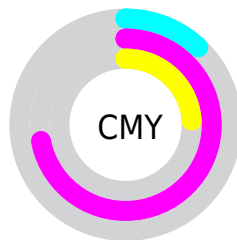
- Red (88%)
- Green (28%)
- Blue (76%)



- Red (88%)
- Yellow (28%)
- Blue (76%)



- Cyan (0%)
- Magenta (68%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (72%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E048C2 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 E048C2 by changing the saturation by 10% instead.



 E048C2

 E048C2

FFFFFF

 C225A7

 FF83FB

 A5008C

 FFA0FF

 880072

 FFBDFE

 6C0059

 FFDBFF

 500041

 FFF9FF

 36002B

 130014

 000000

 E048C2

 E048C2

 E032BE

 E05EC6

 E01BB9

 E075CB

 E005B5

 E08BCF

 E000B4

 E0A2D4

 E0B8D8

 E0CEDD

 E0E5E1

 E0FBE5

 E0FFEA

# Harmonies

## Analogous

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



936FF8



E048C2



FC2F7F

# Triad

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



E048C2



998800



00A4D5

# Complementary

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



E048C2



48E066

# 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.



00A592



E048C2



509900

# Square

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



E048C2



D06E00



00A14A



009DFF

# Rectangle

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



E048C2



FA3E52



00A14A



00A5C0



# Sweetspot

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



E048C2



FFCCF5



6448E0



806179



000000



808080



# Same Dimension

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



E048C2



FF30D6



E04878



70656E



B0008D



300027



# Inverse Universe

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



E048C2



FF30D6



48E0B0



70656E



B0008D

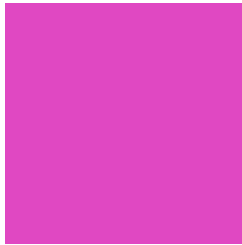


300027



# Previews

## White Background



This preview shows how the Hex color E048C2 looks on a white background.

## Color Contrast Check

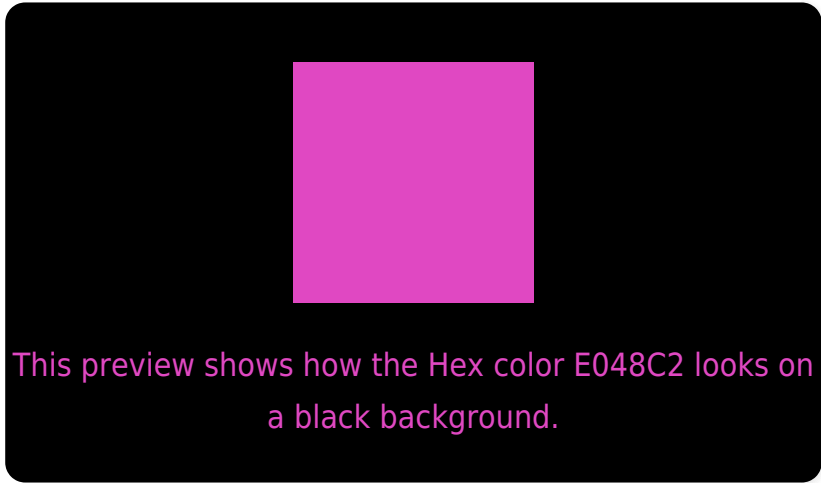
Large Text (above 18pt) WCAG AA ✓ Pass

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

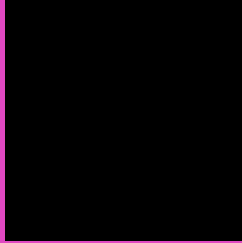
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E048C2 Background



This preview shows how black text looks on a background with the Hex color E048C2.



This preview shows how white text looks on a background with the Hex color E048C2.

# 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**  
D76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E048C2 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 #E048C2 looks like.

```
.text, #text, p{  
    color:#E048C2  
}
```

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 #E048C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E048C2
}
```

## Border

The CSS property to change the border of an element to Hex E048C2 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
#E048C2 }
```

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

```
.border{ border-color:#E048C2 }
```

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

Here you see how a box with a 4 pixel #E048C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E048C2; -webkit-box-shadow:4px 4px  
4px 4px #E048C2; box-shadow:4px 4px 4px  
4px #E048C2 }
```

# Background

The CSS property to change the background color of an element to Hex E048C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E048C2 }
```

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

```
.background{ background-color:#E048C2 }
```

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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