

# Converting Colors

Hex(E04998)

Have a look what the booklet for  
Hex(E04998) contains.

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**Color**

**Hex(E04998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E04998
RGB	224, 73, 152
RGB Percent	88%, 29%, 60%
CMY	0.1216, 0.7137, 0.4039
CMYK	0.00, 0.67, 0.32, 0.12
HSL	329°, 71%, 58%
HSV	329°, 67%, 88%
XYZ	38.7905, 22.8794, 32.0774
YIQ	127.1550, 64.6370, 56.5810

# Conversions

## Conversions Part 2

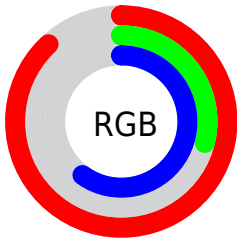
Format	Color
<a href="#">RYB</a>	224, 73, 152
Decimal	14698904
CIELab	54.95, 65.07, -10.76
CIElCh	55, 65.952, 350.615
Yxy	22.8794, 0.4138, 0.2441
Android (android.graphics.Color)	4292888984 (0xFFE04998)
YUV	127.1550, 12.2486, 84.9331
Hunter-Lab	47.8324, 61.0510, -6.2785

# Details

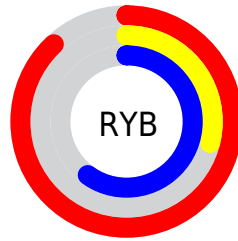
The Hex color **E04998** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **49E091**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF83CE**, and **A40065** is the 20% darker color. If you saturate the color by 10%, you get **E0338D**, and if you desaturate by 10%, it is **E05FA3**.

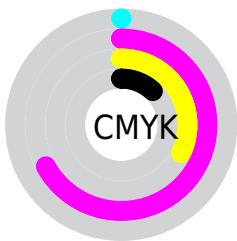
# Distribution



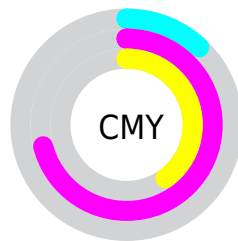
- Red (88%)
- Green (29%)
- Blue (60%)



- Red (88%)
- Yellow (29%)
- Blue (60%)



- Cyan (0%)
- Magenta (67%)
- Yellow (32%)
- Black (12%)



- Cyan (12%)
- Magenta (71%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04998 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 E04998 by changing the saturation by 10% instead.



 E04998

 E04998

FFFFFF

 C2287E

 FF83CE

 A40065

 FFA0EA

 87004D

 FFBDFE

 6A0036

 FFDAFF

 4E0021

 FFF8FF

 340007

 000000

 E04998

 E04998

 E0338D

 E05FA3

 E01C83

 E076AD

 E00678

 E08CB8

 E00075

 E0A3C3

 E0B9CD

 E0CFD8

 E0E6E3

 E0FCED

 E0FFF8

# Harmonies

## Analogous

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



B661CD



E04998



E84A5F

# Triad

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



E04998



788C00



009ADB

# Complementary

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



E04998



49E091

# 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.



009DAA



E04998



279735

# Square

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



E04998



AD7B00



009C6F



0090F5

# Rectangle

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



E04998



DD593B



009C6F



009CCD



# Sweetspot

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



E04998



FFCCE7



8F49E0



806171



000000



808080



# Same Dimension

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



E04998



FF309D



E0494E



70656B



B0005C



300019



# Inverse Universe

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



E04998



FF309D



49E0DB



70656B



B0005C



300019



# Previews

## White Background



This preview shows how the Hex color E04998 looks on a white background.

## Color Contrast Check

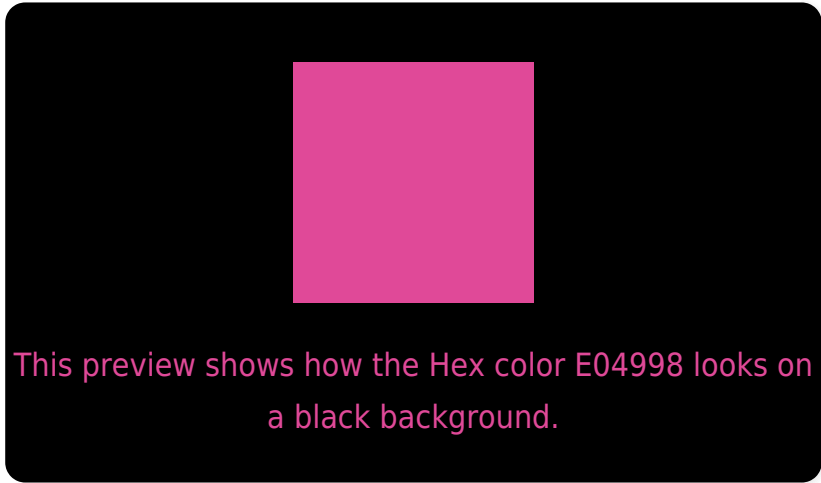
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04998 Background



This preview shows how black text looks on a background with the Hex color E04998.



This preview shows how white text looks on a background with the Hex color E04998.

# Color Blindness Simulation

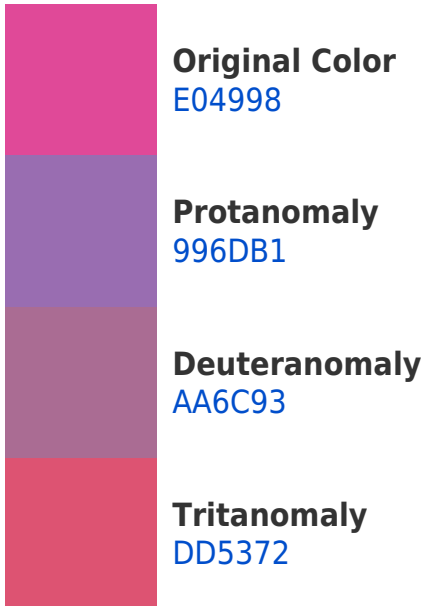
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

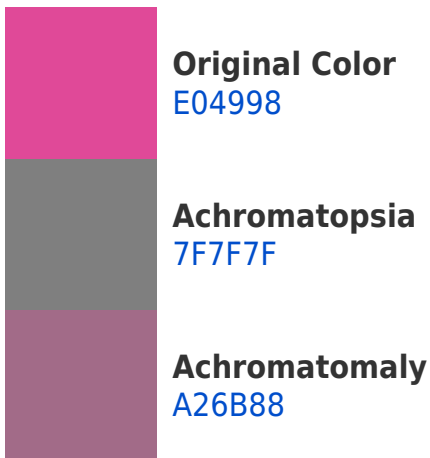




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04998 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 #E04998 looks like.

```
.text, #text, p{  
    color:#E04998  
}
```

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 #E04998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04998
}
```

## Border

The CSS property to change the border of an element to Hex E04998 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
#E04998 }
```

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

```
.border{ border-color:#E04998 }
```

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

Here you see how a box with a 4 pixel #E04998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04998; -webkit-box-shadow:4px 4px  
4px 4px #E04998; box-shadow:4px 4px 4px  
4px #E04998 }
```

# Background

The CSS property to change the background color of an element to Hex E04998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04998 }
```

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

```
.background{ background-color:#E04998 }
```

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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