

Converting Colors

Hex(E04CB6)

Have a look what the booklet for
Hex(E04CB6) contains.

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Color

Hex(E04CB6)

Conversions

Conversions Part 1

Format	Color
Hex	E04CB6
RGB	224, 76, 182
RGB Percent	88%, 30%, 71%
CMY	0.1216, 0.7020, 0.2863
CMYK	0.00, 0.66, 0.19, 0.12
HSL	317°, 70%, 59%
HSV	317°, 66%, 88%
XYZ	41.7684, 24.3936, 46.7630
YIQ	132.3360, 54.1820, 64.3420

Conversions

Conversions Part 2

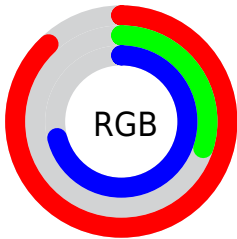
Format	Color
R_{YB}	224, 76, 182
Decimal	14699702
CIE _{Lab}	56.48, 67.72, -25.93
CIE _{LCh}	56, 72.519, 339.049
Yxy	24.3936, 0.3699, 0.2160
Android (android.graphics.Color)	4292889782 (0xFFE04CB6)
YUV	132.3360, 24.4844, 80.3893
Hunter-Lab	49.3899, 64.5231, -21.5637

Details

The Hex color **E04CB6** 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 **4CE076**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF86EE**, and **A50081** is the 20% darker color. If you saturate the color by 10%, you get **E036B0**, and if you desaturate by 10%, it is **E062BC**.

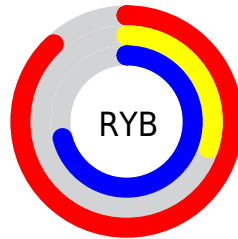
Distribution



Red (88%)

Green (30%)

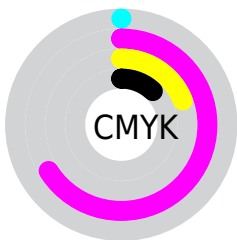
Blue (71%)



Red (88%)

Yellow (30%)

Blue (71%)

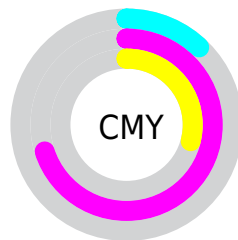


Cyan (0%)

Magenta (66%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (70%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color E04CB6 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 E04CB6 by changing the saturation by 10% instead.

 E04CB6

 E04CB6

FFFFFF

 C22B9B

 FF86EE

 A50081

 FFA3FF

 880067

 FFC0FF

 6C004F

 FFDDFF

 500038

 FFFBFF

 360022

 130007

 000000

 E04CB6

 E04CB6

 E036B0

 E062BC

 E01FA9

 E079C3

 E009A3

 E08FC9

 E000A0

 E0A6CF

 E0BCD6

 E0D2DC

 E0E9E2

 E0FFE9

 E0FFEF

Harmonies

Analogous

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



A06DEA



E04CB6



F63E77

Triad

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



E04CB6



928B00



00A2D6

Complementary

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



E04CB6



4CE076

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.



00A49A



E04CB6



4B990F

Square

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



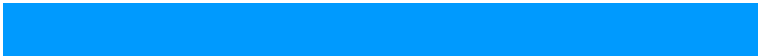
E04CB6



C67400



00A157



009AFE

Rectangle

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



E04CB6



F24B4E



00A157



00A3C3

Sweetspot

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



E04CB6



FFCCF1



764CE0



806177



000000



808080

Same Dimension

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



E04CB6



FF36C6



E04C6C



70656D



B0007E



300023

Inverse Universe

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



E04CB6



FF36C6



4CE0C0



70656D



B0007E



300023

Previews

White Background



This preview shows how the Hex color E04CB6 looks on a white background.

Color Contrast Check

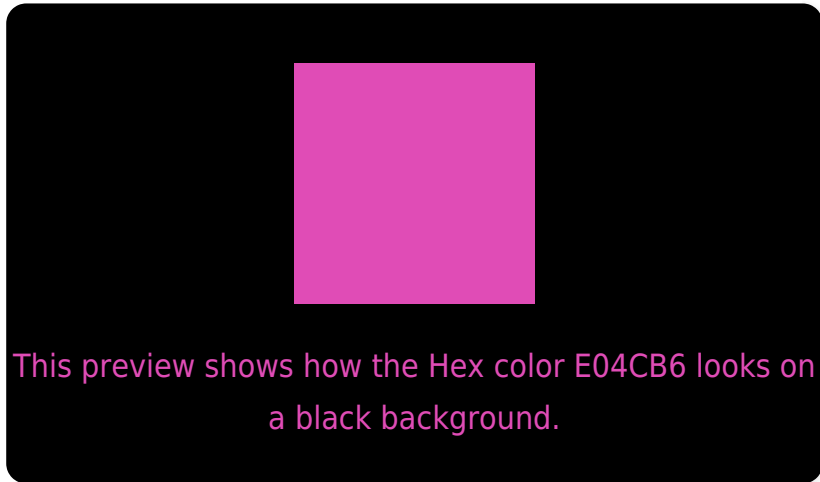
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04CB6 Background



This preview shows how black text looks on a background with the Hex color E04CB6.

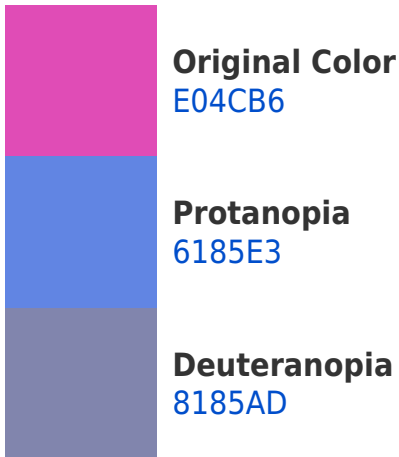


This preview shows how white text looks on a background with the Hex color E04CB6.

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](#).

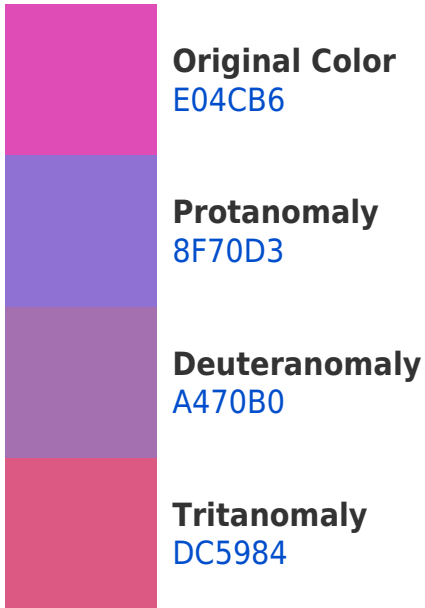
Dichromacy



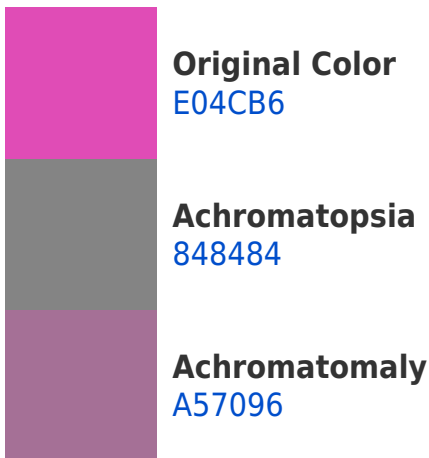


Tritanopia
D96168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E04CB6 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 #E04CB6 looks like.

```
.text, #text, p{  
    color:#E04CB6  
}
```

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 #E04CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04CB6
}
```

Border

The CSS property to change the border of an element to Hex E04CB6 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
#E04CB6 }
```

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

```
.border{ border-color:#E04CB6 }
```

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

Here you see how a box with a 4 pixel #E04CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04CB6; -webkit-box-shadow:4px 4px  
4px 4px #E04CB6; box-shadow:4px 4px 4px  
4px #E04CB6 }
```

Background

The CSS property to change the background color of an element to Hex E04CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04CB6 }
```

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

```
.background{ background-color:#E04CB6 }
```

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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