

Converting Colors

Hex(C644C6)

Have a look what the booklet for
Hex(C644C6) contains.

Hex(C644C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C644C6)

Conversions

Conversions Part 1

Format	Color
Hex	C644C6
RGB	198, 68, 198
RGB Percent	78%, 27%, 78%
CMY	0.2235, 0.7333, 0.2235
CMYK	0.00, 0.66, 0.00, 0.22
HSL	300°, 53%, 52%
HSV	300°, 66%, 78%
XYZ	35.5489, 20.2172, 55.4548
YIQ	121.6900, 35.7500, 67.9900

Conversions

Conversions Part 2

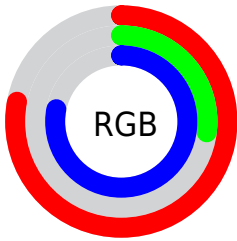
Format	Color
R_{YB}	198, 68, 198
Decimal	12993734
CIE _{Lab}	52.08, 66.79, -42.34
CIE _{LCh}	52, 79.077, 327.630
Yxy	20.2172, 0.3196, 0.1818
Android (android.graphics.Color)	4291183814 (0xFFC644C6)
YUV	121.6900, 37.6208, 66.9239
Hunter-Lab	44.9636, 62.4385, -41.6494

Details

The Hex color **C644C6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **44C644**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7EFF**, and **8D008F** is the 20% darker color. If you saturate the color by 10%, you get **C630C6**, and if you desaturate by 10%, it is **C658C6**.

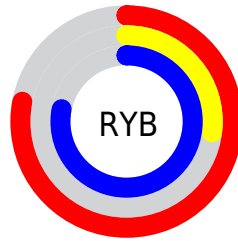
Distribution



Red (78%)

Green (27%)

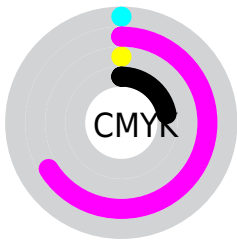
Blue (78%)



Red (78%)

Yellow (27%)

Blue (78%)

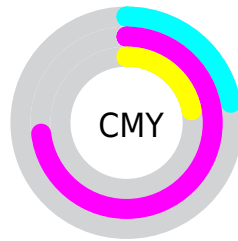


Cyan (0%)

Magenta (66%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C644C6 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 C644C6 by changing the saturation by 10% instead.

 C644C6

 C644C6

FFFFFF

 A923AA

 FF7EFF

 8D008F

 FF9AFF

 710075

 FFB7FF

 55005C

 FFD4FF

 3B0044

 FFF1FF

 1F002D

 000117

 000000

 C644C6

 C644C6

 C630C6

 C658C6

 C61CC6

 C66CC6

 C609C6

 C67FC6

 C600C6

 C693C6

 C6A7C6

 C6BBC6

 C6CFC6

 C6E2C6

 C6F6C6

Harmonies

Analogous

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



656CF6



C644C6



ED1785

Triad

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



C644C6



9B7800



0099BA

Complementary

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



C644C6



44C644

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.



009875



C644C6



598A00

Square

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



C644C6



CD5900



00942B



0094EF

Rectangle

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



C644C6



F02058



00942B



0099A4

Sweetspot

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



C644C6



FFCCFF



4444C6



806180



000000



808080

Same Dimension

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



C644C6



FF36FF



C64485



635A63



A300A3



240024

Inverse Universe

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



C644C6



FF36FF



44C685



635A63



A300A3



240024

Previews

White Background



This preview shows how the Hex color C644C6 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

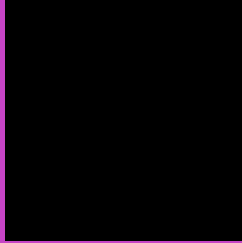
Any Text WCAG AA ✓ Pass

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 C644C6 Background



This preview shows how black text looks on a background with the Hex color C644C6.

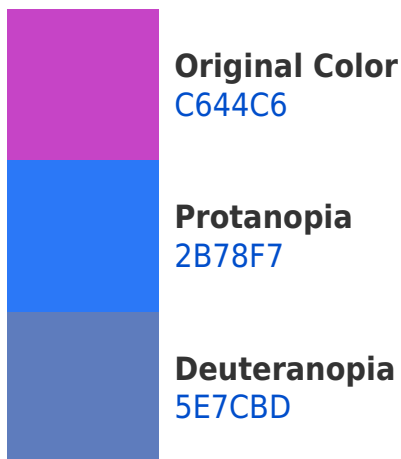


This preview shows how white text looks on a background with the Hex color C644C6.

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](#).

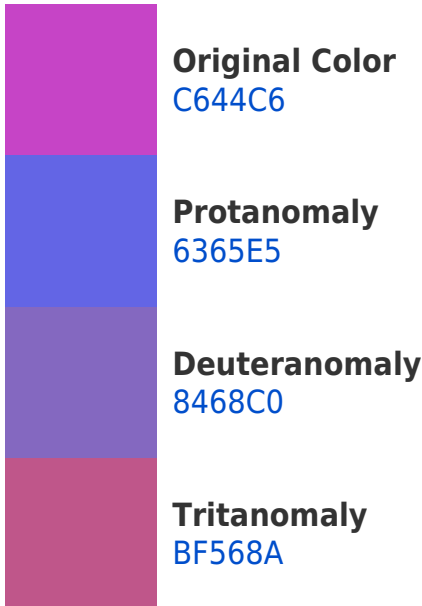
Dichromacy





Tritanopia
BB6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C644C6 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 #C644C6 looks like.

```
.text, #text, p{  
    color:#C644C6  
}
```

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 #C644C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C644C6
}
```

Border

The CSS property to change the border of an element to Hex C644C6 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
#C644C6 }
```

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

```
.border{ border-color:#C644C6 }
```

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

Here you see how a box with a 4 pixel #C644C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C644C6; -webkit-box-shadow:4px 4px  
4px 4px #C644C6; box-shadow:4px 4px 4px  
4px #C644C6 }
```

Background

The CSS property to change the background color of an element to Hex C644C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C644C6 }
```

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

```
.background{ background-color:#C644C6 }
```

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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