

Converting Colors

Hex(C04677)

Have a look what the booklet for
Hex(C04677) contains.

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Color

Hex(C04677)

Conversions

Conversions Part 1

Format	Color
Hex	C04677
RGB	192, 70, 119
RGB Percent	75%, 27%, 47%
CMY	0.2471, 0.7255, 0.5333
CMYK	0.00, 0.64, 0.38, 0.25
HSL	336°, 49%, 51%
HSV	336°, 64%, 75%
XYZ	27.2582, 16.9187, 19.2817
YIQ	112.0640, 56.9830, 41.1030

Conversions

Conversions Part 2

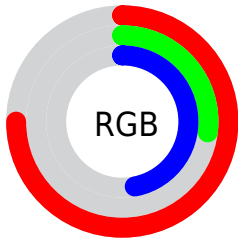
Format	Color
R_{YB}	192, 70, 119
Decimal	12600951
CIE _{Lab}	48.16, 53.19, -1.70
CIE _{LCh}	48, 53.215, 358.174
Yxy	16.9187, 0.4295, 0.2666
Android (android.graphics.Color)	4290791031 (0xFFC04677)
YUV	112.0640, 3.4194, 70.1039
Hunter-Lab	41.1323, 46.3093, 0.9991

Details

The Hex color **C04677** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **46C08F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FC7DAB**, and **860047** is the 20% darker color. If you saturate the color by 10%, you get **C0336C**, and if you desaturate by 10%, it is **C05982**.

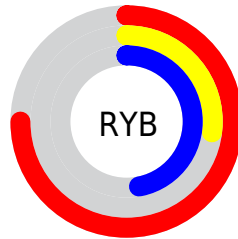
Distribution



Red (75%)

Green (27%)

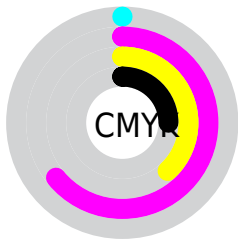
Blue (47%)



Red (75%)

Yellow (27%)

Blue (47%)

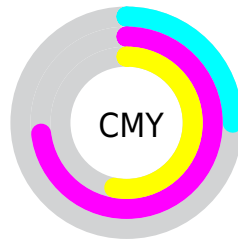


Cyan (0%)

Magenta (64%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color C04677 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 C04677 by changing the saturation by 10% instead.

 C04677

 C04677

FFFFFF

 A3295E

 FC7DAB

 860047

 FF98C6

 6A0031

 FFB4E2

 4E001C

 FFD1FF

 360002

 FFEEFF

 060000

 000000

 C04677

 C04677

 C0336C

 C05982

 C02060

 C06C8E

 C00C55

 C08099

 C0004D

 C093A5

 C0A6B0

 C0B9BC

 C0CCC7

 C0E0D3

 C0F3DE

Harmonies

Analogous

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



A653A2



C04677



C14C4B

Triad

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



C04677



5F7C18



0083BE

Complementary

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



C04677



46C08F

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.



00879C



C04677



148440

Square

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



C04677



8B6F06



00876E



0078CC

Rectangle

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



C04677



B55730



00876E



0085B5

Sweetspot

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



C04677



FACADD



8D46C0



7D606C



FCFCFC



7D7D7D

Same Dimension

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



C04677



FA3C88



C05046



61575B



A10041



21000D

Inverse Universe

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



C04677



FA3C88



46B6C0



61575B



A10041



21000D

Previews

White Background



This preview shows how the Hex color C04677 looks on a white background.

Color Contrast Check

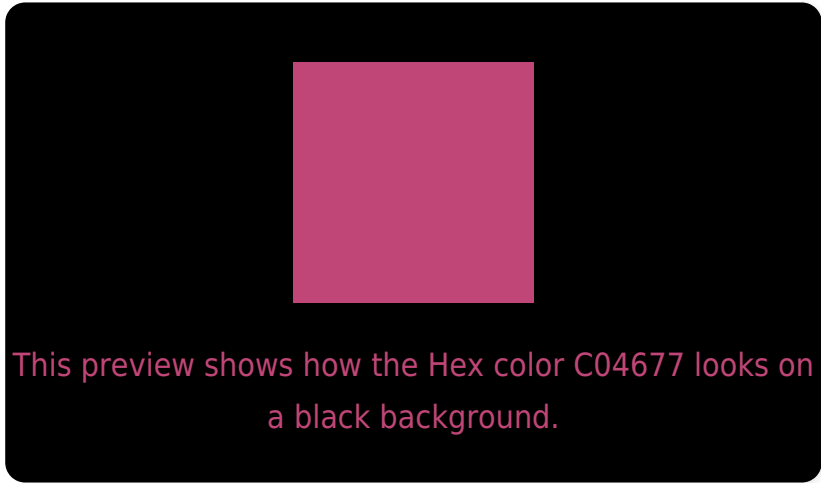
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex C04677 Background



This preview shows how black text looks on a background with the Hex color C04677.




This preview shows how white text looks on a background with the Hex color C04677.

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
BD4E53

Trichromacy



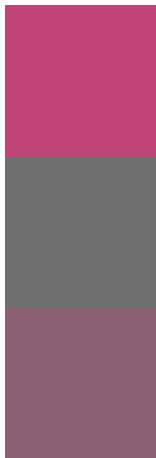
Original Color
C04677

Protanomaly
8A6288

Deuteranomaly
976073

Tritanomaly
BE4B60

Monochromacy



Original Color
C04677

Achromatopsia
707070

Achromatomaly
8D6173

CSS Examples

Text

The CSS property to change the color of the text to Hex C04677 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 #C04677 looks like.

```
.text, #text, p{  
  color:#C04677  
}
```

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 #C04677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04677
}
```

Border

The CSS property to change the border of an element to Hex C04677 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
#C04677 }
```

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

```
.border{ border-color:#C04677 }
```

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

Here you see how a box with a 4 pixel #C04677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04677; -webkit-box-shadow:4px 4px  
4px 4px #C04677; box-shadow:4px 4px 4px  
4px #C04677 }
```

Background

The CSS property to change the background color of an element to Hex C04677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04677 }
```

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

```
.background{ background-color:#C04677 }
```

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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