

# Converting Colors

Hex(C06193)

Have a look what the booklet for  
Hex(C06193) contains.

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**Color**

**Hex(C06193)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06193
RGB	192, 97, 147
RGB Percent	75%, 38%, 58%
CMY	0.2471, 0.6196, 0.4235
CMYK	0.00, 0.49, 0.23, 0.25
HSL	328°, 43%, 57%
HSV	328°, 49%, 75%
XYZ	31.2794, 21.8624, 30.1750
YIQ	131.1050, 40.5700, 35.6900

# Conversions

## Conversions Part 2

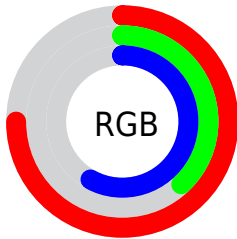
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 97, 147
Decimal	12607891
CIE <sub>Lab</sub>	53.88, 43.99, -9.91
CIE <sub>LCh</sub>	54, 45.097, 347.305
Yxy	21.8624, 0.3754, 0.2624
Android (android.graphics.Color)	4290797971 (0xFFC06193)
YUV	131.1050, 7.8362, 53.4049
Hunter-Lab	46.7573, 37.5865, -5.5330

# Details

The Hex color **C06193** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61C08E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FA96C9**, and **882D60** is the 20% darker color. If you saturate the color by 10%, you get **C04E8A**, and if you desaturate by 10%, it is **C0749C**.

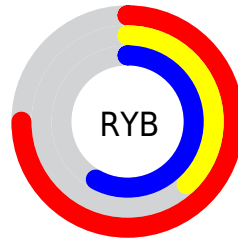
# Distribution



Red (75%)

Green (38%)

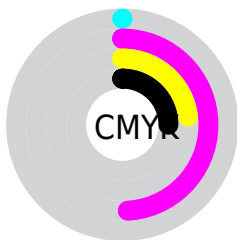
Blue (58%)



Red (75%)

Yellow (38%)

Blue (58%)

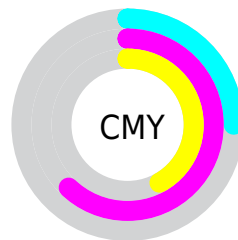


Cyan (0%)

Magenta (49%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C06193 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 C06193 by changing the saturation by 10% instead.



 C06193

 C06193

FFFFFF

 A44779

 FA96C9

 882D60

 FFB2E5

 6D0F49

 FFCEFF

 520032

 FFE8FF

 39001D

 1F0001

 000000

 C06193

 C06193

 C04E8A

 C0749C

 C03B81

 C087A5

 C02778

 C09BAE

 C0146F

 C0AEB7

 C00166

 C0C1C0

 C00065

 C0D4CA

 C0E7D3

 C0FBDC

 C0FFE5

# Harmonies

## Analogous

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



A06DB6



C06193



C9606C

# Triad

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



C06193



818632



0091B9

# Complementary

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



C06193



61C08E

# 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.



009497



C06193



548E4A

# Square

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



C06193



A57933



00936E



008ACC

# Rectangle

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



C06193



C46654



00936E



0093AF



# Sweetspot

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



C06193



FAD4E8



8D61C0



7D6672



FCFCFC



7D7D7D



# Same Dimension

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



C06193



FA66B4



C06164



61575C



A10055



210011



# Inverse Universe

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



C06193



FA66B4



61C0BD



61575C



A10055

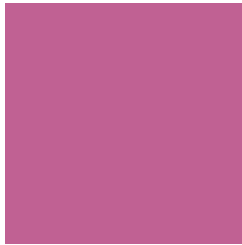


210011



# Previews

## White Background



This preview shows how the Hex color C06193 looks on a white background.

## Color Contrast Check

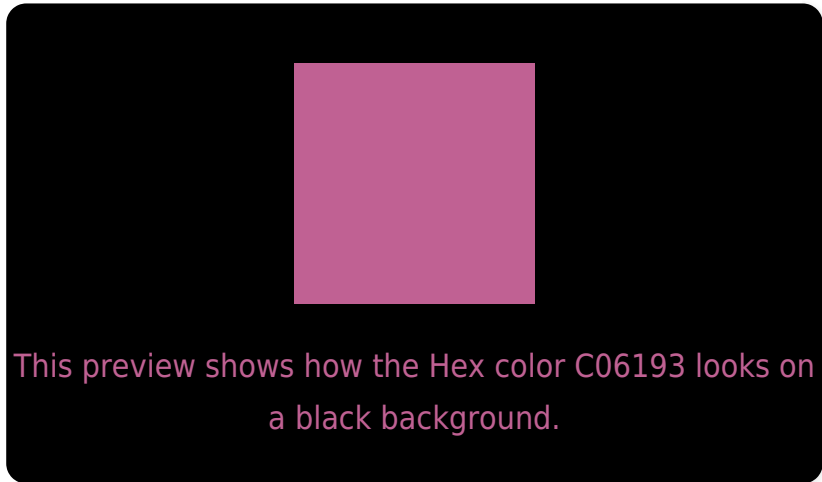
Large Text (above 18pt) WCAG AA ✓ Pass

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 C06193 Background



This preview shows how black text looks on a background with the Hex color C06193.



This preview shows how white text looks on a background with the Hex color C06193.

# 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



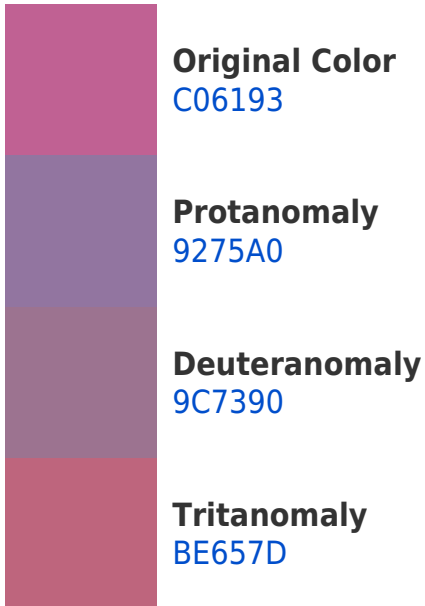
**Original Color**  
C06193

**Protanopia**  
7780A8

**Deuteranopia**  
887E8E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C06193 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 #C06193 looks like.

```
.text, #text, p{  
    color:#C06193  
}
```

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 #C06193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06193
}
```

## Border

The CSS property to change the border of an element to Hex C06193 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
#C06193 }
```

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

```
.border{ border-color:#C06193 }
```

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

Here you see how a box with a 4 pixel #C06193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06193; -webkit-box-shadow:4px 4px  
4px 4px #C06193; box-shadow:4px 4px 4px  
4px #C06193 }
```

# Background

The CSS property to change the background color of an element to Hex C06193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06193 }
```

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

```
.background{ background-color:#C06193 }
```

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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