

# Converting Colors

Hex(C16091)

Have a look what the booklet for  
Hex(C16091) contains.

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# **Color**

**Hex(C16091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C16091
RGB	193, 96, 145
RGB Percent	76%, 38%, 57%
CMY	0.2431, 0.6235, 0.4314
CMYK	0.00, 0.50, 0.25, 0.24
HSL	330°, 44%, 57%
HSV	330°, 50%, 76%
XYZ	31.2860, 21.7475, 29.3368
YIQ	130.5890, 42.0830, 35.8030

# Conversions

## Conversions Part 2

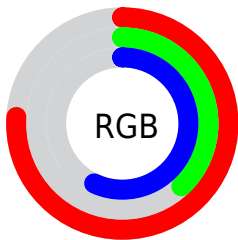
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 96, 145
Decimal	12673169
CIE <sub>Lab</sub>	53.76, 44.55, -8.90
CIE <sub>LCh</sub>	54, 45.429, 348.698
Yxy	21.7475, 0.3798, 0.2640
Android (android.graphics.Color)	4290863249 (0xFFC16091)
YUV	130.5890, 7.1046, 54.7344
Hunter-Lab	46.6342, 38.1423, -4.6543

# Details

The Hex color **C16091** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60C190**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FC95C7**, and **892C5F** is the 20% darker color. If you saturate the color by 10%, you get **C14D87**, and if you desaturate by 10%, it is **C1739B**.

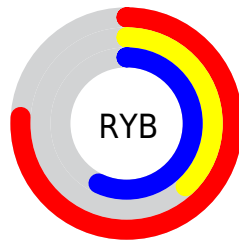
# Distribution



Red (76%)

Green (38%)

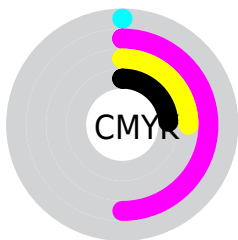
Blue (57%)



Red (76%)

Yellow (38%)

Blue (57%)

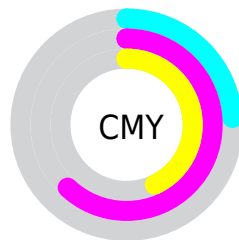


Cyan (0%)

Magenta (50%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (62%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C16091 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 C16091 by changing the saturation by 10% instead.



 C16091

 C16091

FFFFFF

 A54677

 FC95C7

 892C5F

 FFB1E3

 6E0D47

 FFCDFE

 530031

 FFEAFF

 3A001C

 1F0001

 000000

 C16091

 C16091

 C14D87

 C1739B

 C1397E

 C187A4

 C12674

 C19AAE

 C1136B

 C1ADB7

 C10061

 C1C1C1

 C1D4CA

 C1E7D4

 C1FADD

 C1FFE7

# Harmonies

## Analogous

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



A26CB5



C16091



C95F6A

# Triad

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



C16091



7F8632



0091BA

# Complementary

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



C16091



60C190

# 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.



009498



C16091



518E4B

# Square

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



C16091



A37931



009370



0089CD

# Rectangle

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



C16091



C46651



009370



0092B0



# Sweetspot

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



C16091



FAD4E7



8F60C1



7D6672



FCFCFC



7D7D7D



# Same Dimension

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



C16091



FA64B0



C16062



61575C



A10051



210011



# Inverse Universe

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



C16091



FA64B0



60C1BF



61575C



A10051



210011



# Previews

## White Background



This preview shows how the Hex color C16091 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 C16091 Background



This preview shows how black text looks on a background with the Hex color C16091.



This preview shows how white text looks on a background with the Hex color C16091.

# 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**  
BE676E

# Trichromacy



**Original Color**  
C16091

**Protanomaly**  
92749E

**Deuteranomaly**  
9D728E

**Tritanomaly**  
BF647B

# Monochromacy



**Original Color**  
C16091

**Achromatopsia**  
838383

**Achromatomaly**  
9A7688

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C16091 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 #C16091 looks like.

```
.text, #text, p{  
    color:#C16091  
}
```

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 #C16091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16091
}
```

## Border

The CSS property to change the border of an element to Hex C16091 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
#C16091 }
```

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

```
.border{ border-color:#C16091 }
```

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

Here you see how a box with a 4 pixel #C16091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16091; -webkit-box-shadow:4px 4px  
4px 4px #C16091; box-shadow:4px 4px 4px  
4px #C16091 }
```

# Background

The CSS property to change the background color of an element to Hex C16091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16091 }
```

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

```
.background{ background-color:#C16091 }
```

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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