

# Converting Colors

Hex(C15B94)

Have a look what the booklet for  
Hex(C15B94) contains.

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**Color**

**Hex(C15B94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C15B94
RGB	193, 91, 148
RGB Percent	76%, 36%, 58%
CMY	0.2431, 0.6431, 0.4196
CMYK	0.00, 0.53, 0.23, 0.24
HSL	326°, 45%, 56%
HSV	326°, 53%, 76%
XYZ	31.0787, 20.9577, 30.4242
YIQ	127.9960, 42.4950, 39.3510

# Conversions

## Conversions Part 2

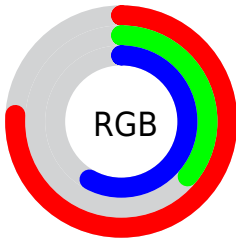
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 91, 148
Decimal	12671892
CIE <sub>Lab</sub>	52.90, 47.47, -11.95
CIE <sub>LCh</sub>	53, 48.950, 345.865
Yxy	20.9577, 0.3769, 0.2542
Android (android.graphics.Color)	4290861972 (0xFFC15B94)
YUV	127.9960, 9.8620, 57.0085
Hunter-Lab	45.7796, 41.0650, -7.3572

# Details

The Hex color **C15B94** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5BC188**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FC91CA**, and **892561** is the 20% darker color. If you saturate the color by 10%, you get **C1488B**, and if you desaturate by 10%, it is **C16E9D**.

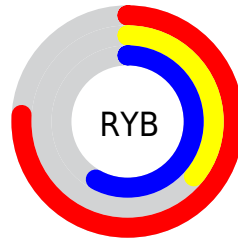
# Distribution



Red (76%)

Green (36%)

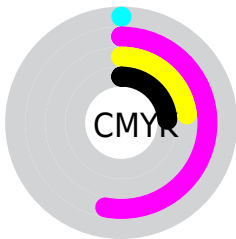
Blue (58%)



Red (76%)

Yellow (36%)

Blue (58%)

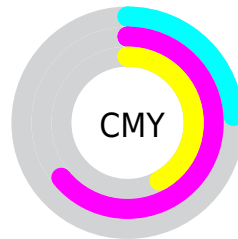


Cyan (0%)

Magenta (53%)

Yellow (23%)

Black (24%)



Cyan (24%)

Magenta (64%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C15B94 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 C15B94 by changing the saturation by 10% instead.



 C15B94

 C15B94

FFFFFF

 A5417A

 FC91CA

 892561

 FFACE6

 6D0149

 FFC8FF

 530033

 FFE5FF

 3A001E

 1F0001

 000000

 C15B94

 C15B94

 C1488B

 C16E9D

 C13483

 C182A5

 C1217A

 C195AE

 C10E72

 C1A8B6

 C1006C

 C1BBBBF

 C1CFC7

 C1E2D0

 C1F5D8

 C1FFE1

# Harmonies

## Analogous

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



9D6AB9



C15B94



CC596A

# Triad

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



C15B94



808327



0090BA

# Complementary

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



C15B94



5BC188

# 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.



009394



C15B94



4F8C41

# Square

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



C15B94



A67529



009268



0089D0

# Rectangle

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



C15B94



C7604F



009268



0092AE



# Sweetspot

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



C15B94



FAD2E8



875BC1



7D6572



FCFCFC



7D7D7D



# Same Dimension

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



C15B94



FA5CB4



C15B62



61575D



A1005A



210013



# Inverse Universe

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



C15B94



FA5CB4



5BC1BA



61575D



A1005A



210013



# Previews

## White Background



This preview shows how the Hex color C15B94 looks on a white background.

## Color Contrast Check

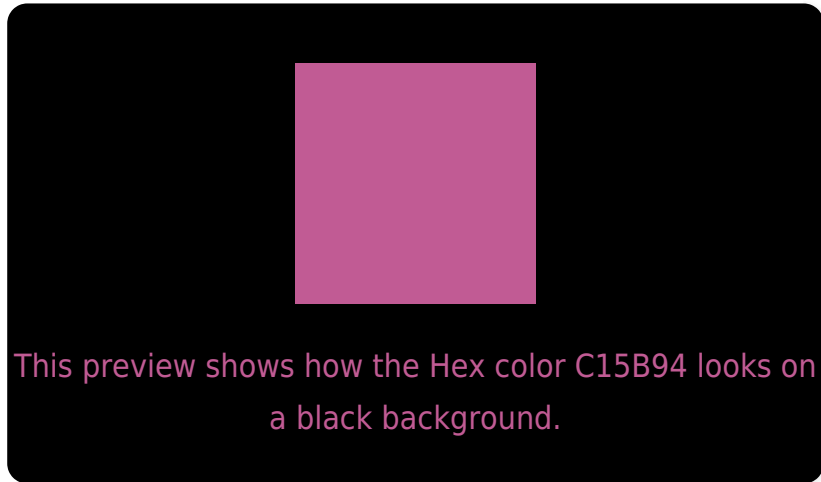
Large Text (above 18pt) WCAG AA ✓ Pass

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 C15B94 Background



This preview shows how black text looks on a background with the Hex color C15B94.

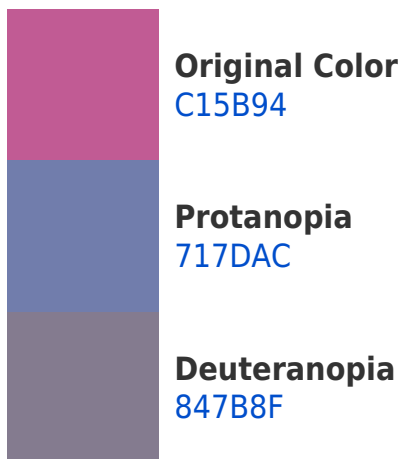


This preview shows how white text looks on a background with the Hex color C15B94.

# 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](#).

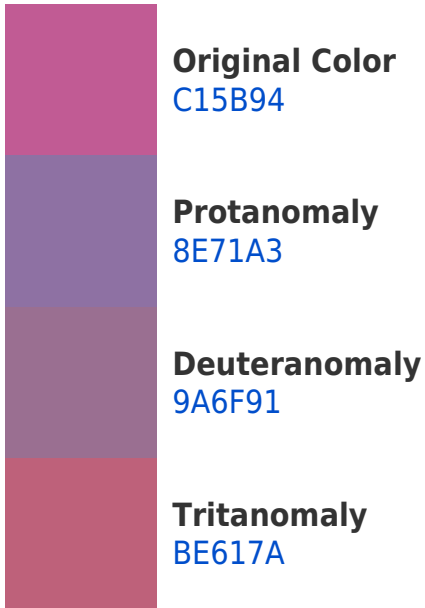
## Dichromacy





**Tritanopia**  
BD646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C15B94 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 #C15B94 looks like.

```
.text, #text, p{  
    color:#C15B94  
}
```

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 #C15B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C15B94
}
```

## Border

The CSS property to change the border of an element to Hex C15B94 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
#C15B94 }
```

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

```
.border{ border-color:#C15B94 }
```

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

Here you see how a box with a 4 pixel #C15B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C15B94; -webkit-box-shadow:4px 4px  
4px 4px #C15B94; box-shadow:4px 4px 4px  
4px #C15B94 }
```

# Background

The CSS property to change the background color of an element to Hex C15B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C15B94 }
```

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

```
.background{ background-color:#C15B94 }
```

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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