

# Converting Colors

Hex(B91904)

Have a look what the booklet for  
Hex(B91904) contains.

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**Color**

**Hex(B91904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B91904
RGB	185, 25, 4
RGB Percent	73%, 10%, 2%
CMY	0.2745, 0.9020, 0.9843
CMYK	0.00, 0.86, 0.98, 0.27
HSL	7°, 96%, 37%
HSV	7°, 98%, 73%
XYZ	20.3771, 11.0183, 1.1676
YIQ	70.4460, 102.1010, 27.3890

# Conversions

## Conversions Part 2

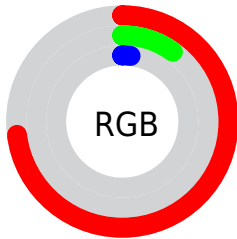
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 28, 4
Decimal	12130564
CIELab	39.61, 59.55, 51.78
CIElCh	40, 78.911, 41.007
Yxy	11.0183, 0.6258, 0.3384
Android (android.graphics.Color)	4290320644 (0xFFB91904)
YUV	70.4460, -32.7579, 100.4639
Hunter-Lab	33.1938, 51.4888, 21.1501

# Details

The Hex color **B91904** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **04A4B9**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FA5937**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B91500**, and if you desaturate by 10%, it is **B92917**.

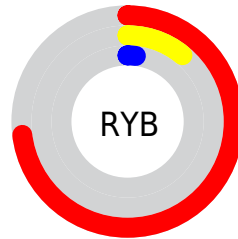
# Distribution



Red (73%)

Green (10%)

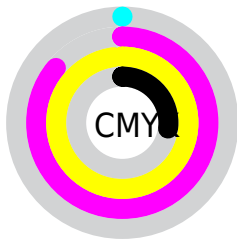
Blue (2%)



Red (73%)

Yellow (11%)

Blue (2%)

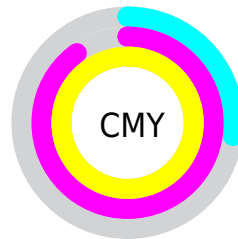


Cyan (0%)

Magenta (86%)

Yellow (98%)

Black (27%)



Cyan (27%)

Magenta (90%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B91904 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 B91904 by changing the saturation by 10% instead.



 B91904

 B91904

 FFFFF0

 990000

 FA5937

 7A0000

 FF754F

 5B0000

 FF9268

 3F0003

 FFAE82

 1C0001

 FFCB9C

 000000

 FFE8B8

 FFFFD4

 B91904

 B91904

 B91500

 B92917

 B93A29

 B94A3C

 B95A4E

 B96B61

 B97B73

 B98B86

 B99C98

 B9ACAB

# Harmonies

## Analogous

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



C90049



B91904



934A00

# Triad

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



B91904



007430



005FDE

# Complementary

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



B91904



04A4B9

# 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.



0070D9



B91904



007774

# Square

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



B91904



006F00



0076B2



773CC0

# Rectangle

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



B91904



715C00



0076B2



0066E1



# Sweetspot

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



B91904



F0B2AA



B904A7



78534E



F7F7F7



787878



# Same Dimension

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



B91904



F01C00



B97104



5C5453



9C1200



1C0300



# Inverse Universe

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



04A4B9



00D4F0



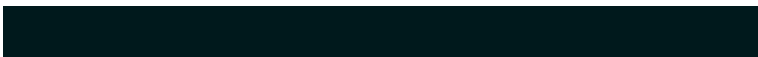
044CB9



535B5C



008A9C



00191C



# Previews

## White Background



This preview shows how the Hex color B91904 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 B91904 Background



This preview shows how black text looks on a background with the Hex color B91904.



This preview shows how white text looks on a background with the Hex color B91904.

# 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**  
B91904

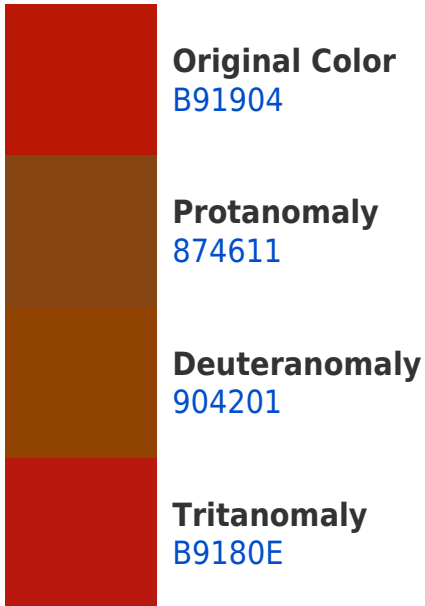
**Protanopia**  
6B5F18

**Deuteranopia**  
785A00

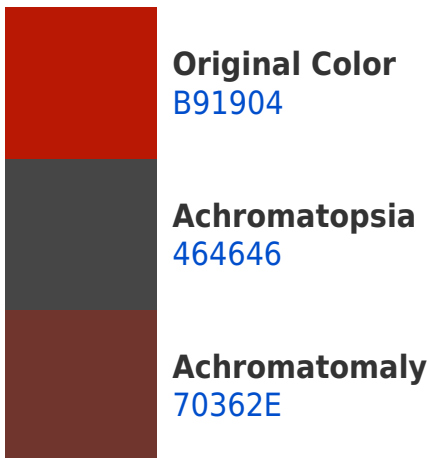


**Tritanopia**  
B91814

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B91904 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 #B91904 looks like.

```
.text, #text, p{  
    color:#B91904  
}
```

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 #B91904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B91904
}
```

## Border

The CSS property to change the border of an element to Hex B91904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

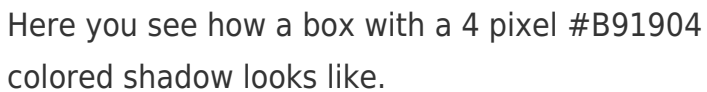
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B91904 }
```

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

```
.border{ border-color:#B91904 }
```

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



Here you see how a box with a 4 pixel #B91904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B91904; -webkit-box-shadow:4px 4px  
4px 4px #B91904; box-shadow:4px 4px 4px  
4px #B91904 }
```

# Background

The CSS property to change the background color of an element to Hex B91904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B91904 }
```

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

```
.background{ background-color:#B91904 }
```

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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