

# Converting Colors

Hex(195194)

Have a look what the booklet for  
Hex(195194) contains.

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# Color

**Hex(195194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	195194
RGB	25, 81, 148
RGB Percent	10%, 32%, 58%
CMY	0.9020, 0.6824, 0.4196
CMYK	0.83, 0.45, 0.00, 0.42
HSL	213°, 71%, 34%
HSV	213°, 83%, 58%
XYZ	8.6886, 8.2297, 29.1475
YIQ	71.8940, -54.8830, 8.9650

# Conversions

## Conversions Part 2

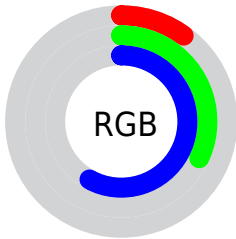
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 63, 148
Decimal	1659284
CIE <sub>Lab</sub>	34.46, 7.75, -41.90
CIE <sub>LCh</sub>	34, 42.614, 280.481
Yxy	8.2297, 0.1886, 0.1786
Android (android.graphics.Color)	4279849364 (0xFF195194)
YUV	71.8940, 37.5203, -41.1260
Hunter-Lab	28.6874, 3.8599, -40.1599




# Details

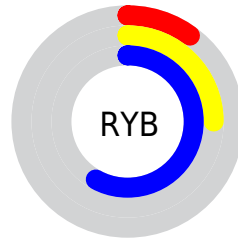
The Hex color **195194** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **945C19**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **5B82CB**, and **002561** is the 20% darker color. If you saturate the color by 10%, you get **0A4994**, and if you desaturate by 10%, it is **285994**.

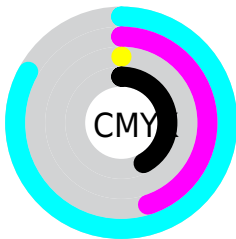
# Distribution







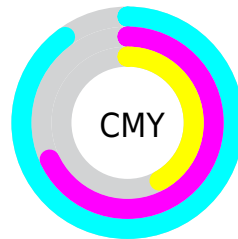
-  Red (10%)
-  Green (32%)
-  Blue (58%)






-  Red (10%)
-  Yellow (25%)
-  Blue (58%)



-  Cyan (83%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (90%)
-  Magenta (68%)
-  Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195194 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 195194 by changing the saturation by 10% instead.



■ 195194

■ 195194

FFFFFF

■ 003A7A

■ 5B82CB

■ 002561

■ 779CE7

■ 001148

■ 94B6FF

■ 000431

■ B0D2FF

■ 00011B

■ CDEEFF

■ 000000

■ EBFFFF

■ 195194

■ 195194

■ 0A4994

■ 285994

■ 004394

■ 376194

■ 456994

■ 547194

■ 637994

■ 728194

■ 818994

■ 8F9194

■ 9E9A94

# Harmonies

## Analogous

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



005B91



195194



624385

# Triad

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



195194



873927



005F39

# Complementary

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



195194



945C19

# 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.



315B19



195194



74470B

# Square

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



195194



8E2F47



575301



00615C

# Rectangle

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



195194



7A3873



575301



005E2E



# Sweetspot

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



195194



8FA5BF



19945B



445161



E0E0E0



616161



# Same Dimension

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



195194



0057BF



1D1994



43464A



003F8A



00050A



# Inverse Universe

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



941951



BF0057



909419



4A4346



8A003F



0A0005



# Previews

## White Background



This preview shows how the Hex color 195194 looks on a white background.

## Color Contrast Check

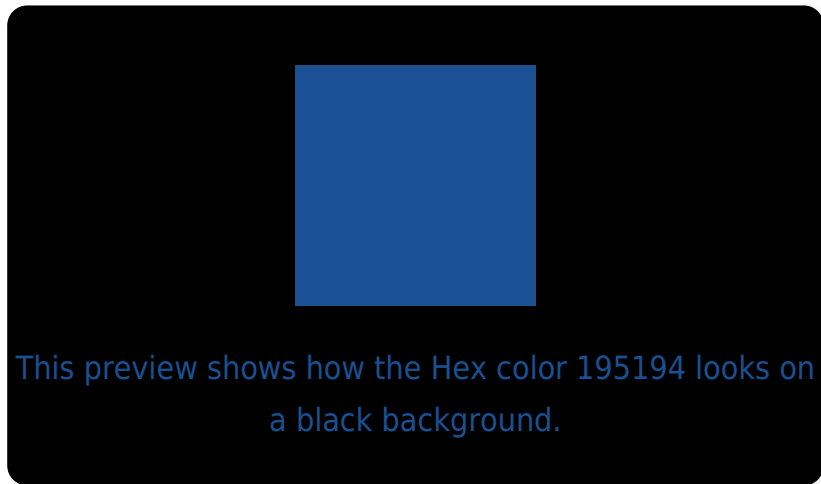
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 195194 Background



This preview shows how black text looks on a background with the Hex color 195194.



This preview shows how white text looks on a background with the Hex color 195194.

# 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



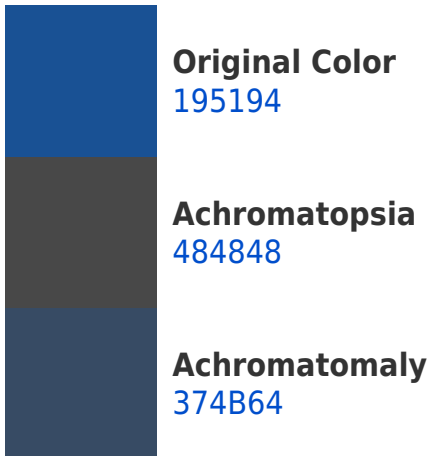


**Tritanopia**  
005A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195194 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 #195194 looks like.

```
.text, #text, p{  
    color:#195194  
}
```

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 #195194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195194
}
```

## Border

The CSS property to change the border of an element to Hex 195194 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
#195194 }
```

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

```
.border{ border-color:#195194 }
```

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

Here you see how a box with a 4 pixel #195194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195194; -webkit-box-shadow:4px 4px  
4px 4px #195194; box-shadow:4px 4px 4px  
4px #195194 }
```

# Background

The CSS property to change the background color of an element to Hex 195194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195194 }
```

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

```
.background{ background-color:#195194 }
```

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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