

# Converting Colors

Hex(207694)

Have a look what the booklet for  
Hex(207694) contains.

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# Color

**Hex(207694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	207694
RGB	32, 118, 148
RGB Percent	13%, 46%, 58%
CMY	0.8745, 0.5373, 0.4196
CMYK	0.78, 0.20, 0.00, 0.42
HSL	196°, 64%, 35%
HSV	196°, 78%, 58%
XYZ	12.4194, 15.4021, 30.3353
YIQ	95.7060, -60.8860, -8.9020

# Conversions

## Conversions Part 2

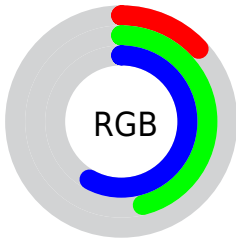
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 81, 148
Decimal	2127508
CIE <sub>Lab</sub>	46.18, -14.30, -23.42
CIE <sub>LCh</sub>	46, 27.437, 238.597
Yxy	15.4021, 0.2136, 0.2648
Android (android.graphics.Color)	4280317588 (0xFF207694)
YUV	95.7060, 25.7809, -55.8702
Hunter-Lab	39.2455, -12.1925, -18.3572

# Details

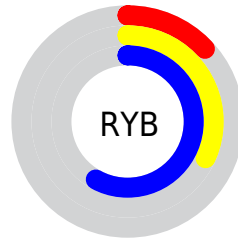
The Hex color **207694** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **943E20**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **60AACA**, and **004661** is the 20% darker color. If you saturate the color by 10%, you get **117294**, and if you desaturate by 10%, it is **2F7A94**.

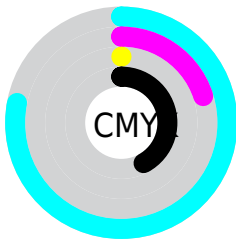
# Distribution



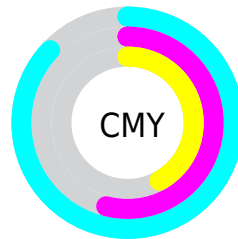
- Red (13%)
- Green (46%)
- Blue (58%)



- Red (13%)
- Yellow (32%)
- Blue (58%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (54%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 207694 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 207694 by changing the saturation by 10% instead.



 207694

 207694


FFFFFF

 005D7A

 60AACA

 004661

 7CC6E6

 002F49

 99E2FF

 001B32

 B5FEFF

 00021D


 D2FFFF

 000000

 F0FFFF

 207694

 207694

 117294

 2F7A94

026E94

3E7E94

006E94

4C8194

5B8594

6A8994

798D94

889194

969594

A59894

# Harmonies

## Analogous

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



097983



207694



4A709B

# Triad

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



207694



985C6F



667344

# Complementary

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



207694



943E20

# 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.



7D6C3F



207694



9A5D59

# Square

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



207694



896086



906447



4A7755

# Rectangle

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



207694



636B99



906447



6E7041



# Sweetspot

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



207694



91B3BF



20943D



455A61



E0E0E0



616161



# Same Dimension

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



207694



0B91BF



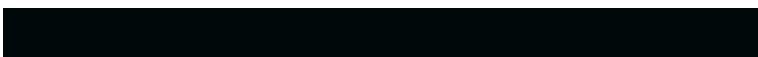
203D94



43484A



00668A



00080A



# Inverse Universe

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



942076



BF0B91



947720



4A4348



8A0066



0A0008



# Previews

## White Background



This preview shows how the Hex color 207694 looks on a white background.

## Color Contrast Check

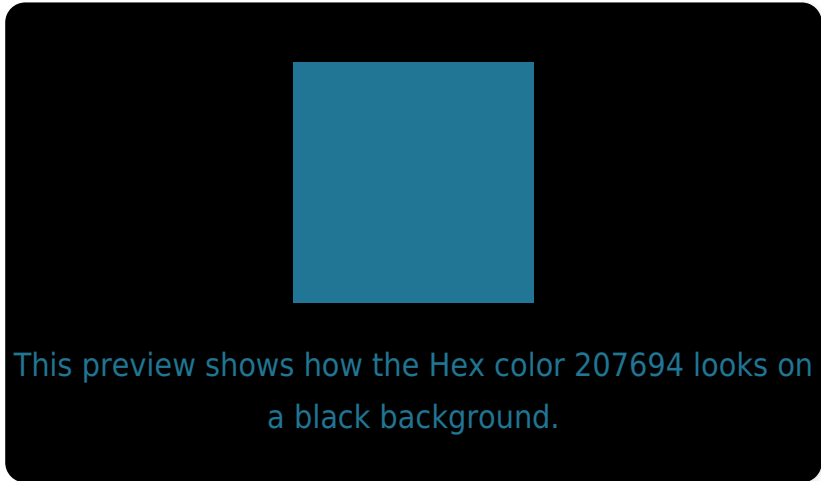
Large Text (above 18pt) WCAG AA ✓ Pass

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

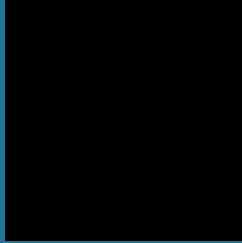
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 207694 Background



This preview shows how black text looks on a background with the Hex color 207694.

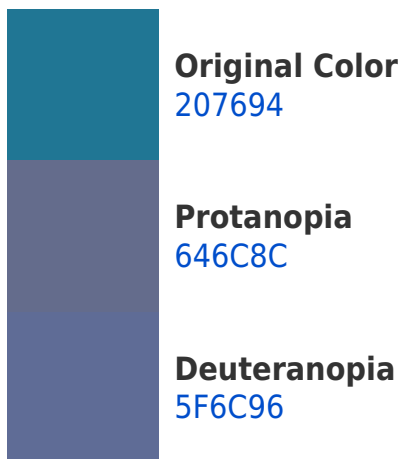


This preview shows how white text looks on a background with the Hex color 207694.

# Color Blindness Simulation

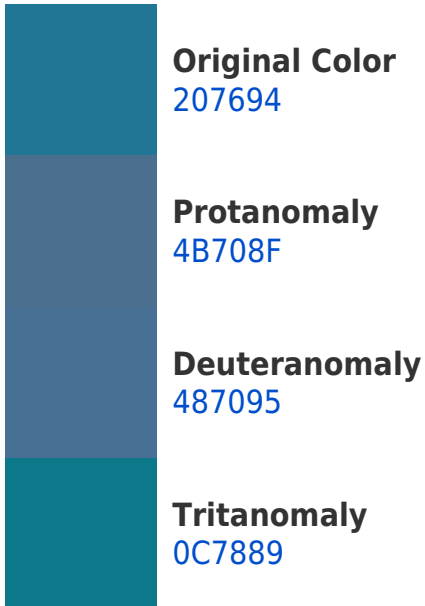
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 207694 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 #207694 looks like.

```
.text, #text, p{  
    color:#207694  
}
```

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 #207694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207694
}
```

## Border

The CSS property to change the border of an element to Hex 207694 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
#207694 }
```

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

```
.border{ border-color:#207694 }
```

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

Here you see how a box with a 4 pixel #207694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207694; -webkit-box-shadow:4px 4px  
4px 4px #207694; box-shadow:4px 4px 4px  
4px #207694 }
```

# Background

The CSS property to change the background color of an element to Hex 207694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207694 }
```

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

```
.background{ background-color:#207694 }
```

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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