

# Converting Colors

Hex(4F95D0)

Have a look what the booklet for  
Hex(4F95D0) contains.

|  |    |
|--|----|
| <b>Hex(4F95D0)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(4F95D0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 4F95D0                     |
| RGB           | 79, 149, 208               |
| RGB Percent   | 31%, 58%, 82%              |
| CMY           | 0.6902, 0.4157, 0.1843     |
| CMYK          | 0.62, 0.28, 0.00, 0.18     |
| HSL           | 207°, 58%, 56%             |
| HSV           | 207°, 62%, 82%             |
| XYZ           | 25.3571, 27.7112, 63.6868  |
| YIQ           | 134.7960, -60.6590, 3.5090 |

# Conversions

## Conversions Part 2

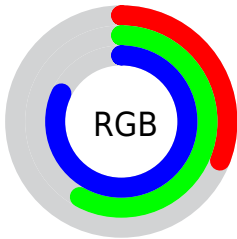
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">79, 124, 208</a>                    |
| Decimal                             | <a href="#">5215696</a>                         |
| CIELab                              | <a href="#">59.63, -4.10, -36.87</a>            |
| CIELCh                              | <a href="#">60, 37.097, 263.653</a>             |
| Yxy                                 | <a href="#">27.7112, 0.2172,<br/>0.2373</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4283405776<br/>(0xFF4F95D0)</a>     |
| YUV                                 | <a href="#">134.7960, 36.0896,<br/>-48.9331</a> |
| Hunter-Lab                          | <a href="#">52.6415, -6.1402,<br/>-34.8814</a>  |

# Details

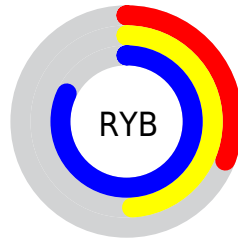
The Hex color **4F95D0** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D08A4F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8BCBFF**, and **006399** is the 20% darker color. If you saturate the color by 10%, you get **3A8BD0**, and if you desaturate by 10%, it is **649FD0**.

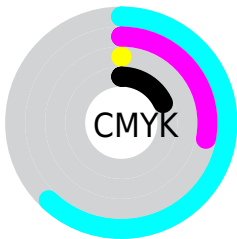
# Distribution



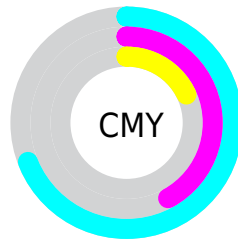
- Red (31%)
- Green (58%)
- Blue (82%)



- Red (31%)
- Yellow (49%)
- Blue (82%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (42%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F95D0 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 4F95D0 by changing the saturation by 10% instead.



■ 4F95D0

■ 4F95D0

FFFFFF

■ 2D7BB4

■ 8BCBFF

■ 006399

■ A8E7FF

■ 004B7F

■ C5FFFF

■ 003566

■ E3FFFF

■ 00204D

■ 000536

■ 000220

■ 000004

■ 000000

■ 4F95D0

■ 4F95D0

■ 3A8BD0

■ 649FD0

■ 2582D0

■ 79A8D0

■ 1178D0

■ 8DB2D0

■ 0071D0

■ A2BBD0

■ B7C5D0

■ CCCED0

■ E1D8D0

■ F5E1D0

■ FFEBD0

# Harmonies

## Analogous

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



009DC3



4F95D0



898ACB

# Triad

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



4F95D0



CE7777



649D68

# Complementary

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



4F95D0



D08A4F

# 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.



8A9652



4F95D0



C3805C

# Square

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



4F95D0



C97698



AB8B4E



33A087

# Rectangle

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



4F95D0



A682BF



AB8B4E



719B5F

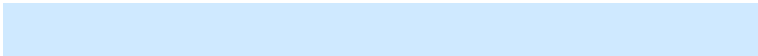


# Sweetspot

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



4F95D0



CFE9FF



4FD089



627280



000000



808080



# Same Dimension

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



4F95D0



42A9FF



4F55D0



5E6469



005BA8



001629



# Inverse Universe

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



D04F95



FF42A9



D0CA4F



695E64



A8005B



290016



# Previews

## White Background



This preview shows how the Hex color 4F95D0 looks on a white background.

## Color Contrast Check

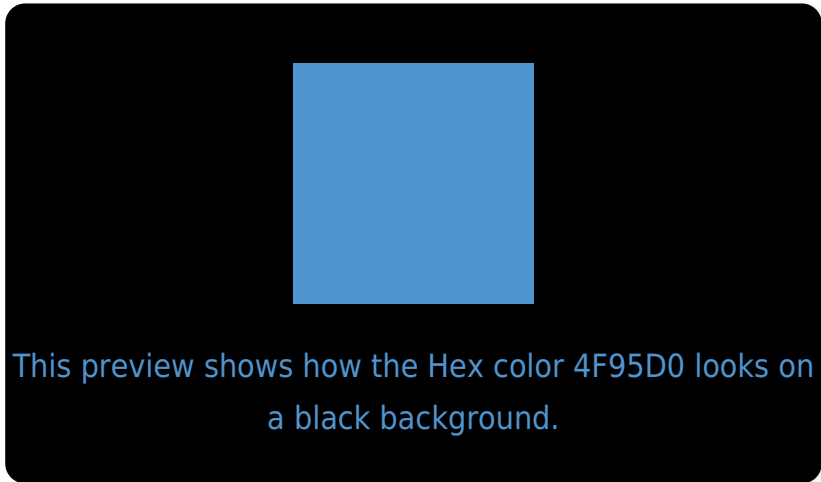
Large Text (above 18pt) WCAG AA ✓ Pass

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

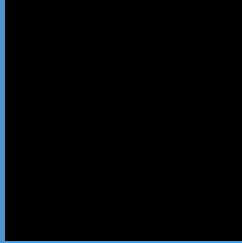
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F95D0 Background



This preview shows how black text looks on a background with the Hex color 4F95D0.

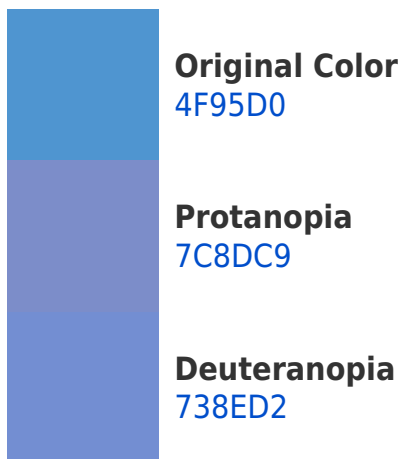


This preview shows how white text looks on a background with the Hex color 4F95D0.

# 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](#).

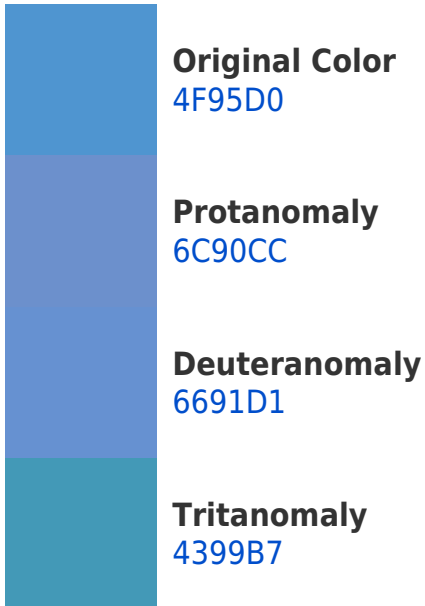
## Dichromacy



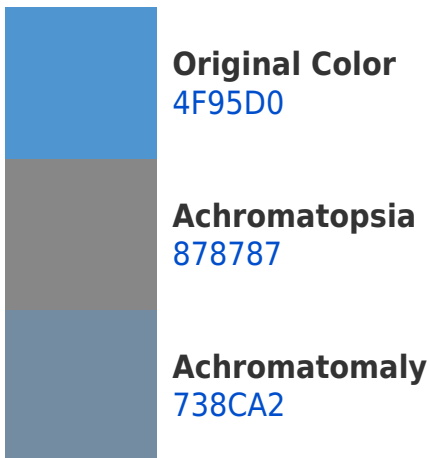


**Tritanopia**  
3C9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F95D0 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 #4F95D0 looks like.

```
.text, #text, p{  
    color:#4F95D0  
}
```

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 #4F95D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F95D0
}
```

## Border

The CSS property to change the border of an element to Hex 4F95D0 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
#4F95D0 }
```

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

```
.border{ border-color:#4F95D0 }
```

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

Here you see how a box with a 4 pixel #4F95D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F95D0; -webkit-box-shadow:4px 4px  
4px 4px #4F95D0; box-shadow:4px 4px 4px  
4px #4F95D0 }
```

# Background

The CSS property to change the background color of an element to Hex 4F95D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F95D0 }
```

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

```
.background{ background-color:#4F95D0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor