

# Converting Colors

Hex(054F99)

Have a look what the booklet for  
Hex(054F99) contains.

|  |    |
|--|----|
| <b>Hex(054F99)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(054F99)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 054F99                    |
| RGB           | 5, 79, 153                |
| RGB Percent   | 2%, 31%, 60%              |
| CMY           | 0.9804, 0.6902, 0.4000    |
| CMYK          | 0.97, 0.48, 0.00, 0.40    |
| HSL           | 210°, 94%, 31%            |
| HSV           | 210°, 97%, 60%            |
| XYZ           | 8.6083, 7.9241, 31.2128   |
| YIQ           | 65.3100, -67.8580, 7.3260 |

# Conversions

## Conversions Part 2

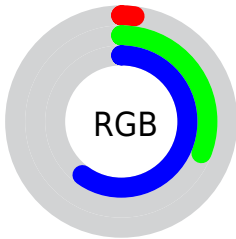
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 5, 54, 153                    |
| Decimal                             | 348057                        |
| CIELab                              | 33.82, 9.78, -45.97           |
| CIELCh                              | 34, 46.998, 282.013           |
| Yxy                                 | 7.9241, 0.1803,<br>0.1660     |
| Android<br>(android.graphics.Color) | 4278538137<br>(0xFF054F99)    |
| YUV                                 | 65.3100, 43.2312,<br>-52.8919 |
| Hunter-Lab                          | 28.1498, 5.3238,<br>-46.0364  |

# Details

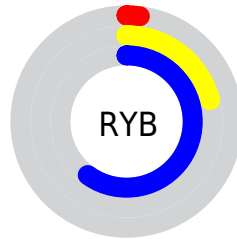
The Hex color **054F99** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **994F05**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **557FD0**, and **002465** is the 20% darker color. If you saturate the color by 10%, you get **004D99**, and if you desaturate by 10%, it is **145799**.

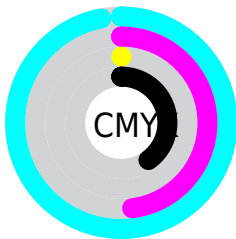
# Distribution



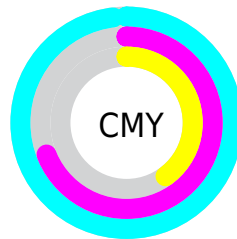
- Red (2%)
- Green (31%)
- Blue (60%)



- Red (2%)
- Yellow (21%)
- Blue (60%)



- Cyan (97%)
- Magenta (48%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (69%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054F99 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 054F99 by changing the saturation by 10% instead.



054F99

054F99

FFFFFF

00397F

557FD0

002465

7399EC

000F4D

90B4FF

000535

ADCFFF

00021F

CAEBFF

000002

E8FFFF

000000

054F99

054F99

004D99

145799

■ 245E99

■ 336699

■ 426E99

■ 527599

■ 617D99

■ 708599

■ 7F8C99

■ 8F9499

# Harmonies

## Analogous

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



005A97



054F99



643E87

# Triad

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



054F99



89341F



005F37

# Complementary

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



054F99



994F05

# 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.



285B11



054F99



734500

# Square

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



054F99



912742



535300



00605E

# Rectangle

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



054F99



7E3273



535300



005E2A



# Sweetspot

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



054F99



8DAAC7



05994F



415263



E3E3E3



636363



# Same Dimension

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



054F99



0063C7



050599



45494D



00468C



00060D



# Inverse Universe

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



99054F



C70063



999905



4D4549



8C0046



0D0006



# Previews

## White Background



This preview shows how the Hex color 054F99 looks on a white background.

## Color Contrast Check

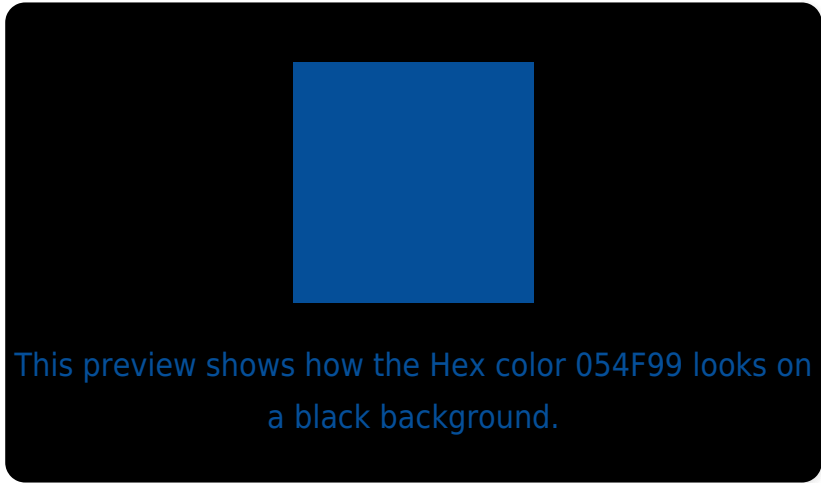
Large Text (above 18pt) WCAG AA ✓ Pass

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

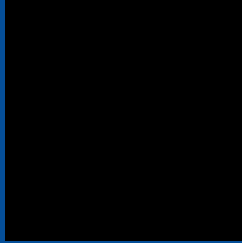
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 054F99 Background



This preview shows how black text looks on a background with the Hex color 054F99.



This preview shows how white text looks on a background with the Hex color 054F99.

# 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**  
054F99

**Protanopia**  
274D97

**Deuteranopia**  
00518E



# Trichromacy



**Original Color**  
054F99

**Protanomaly**  
1B4E98

**Deuteranomaly**  
025092

**Tritanomaly**  
025573

# Monochromacy



**Original Color**  
054F99

**Achromatopsia**  
414141

**Achromatomaly**  
2B4661

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054F99 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 #054F99 looks like.

```
.text, #text, p{  
    color:#054F99  
}
```

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 #054F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054F99
}
```

## Border

The CSS property to change the border of an element to Hex 054F99 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
#054F99 }
```

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

```
.border{ border-color:#054F99 }
```

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

Here you see how a box with a 4 pixel #054F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054F99; -webkit-box-shadow:4px 4px  
4px 4px #054F99; box-shadow:4px 4px 4px  
4px #054F99 }
```

# Background

The CSS property to change the background color of an element to Hex 054F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054F99 }
```

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

```
.background{ background-color:#054F99 }
```

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