

# Converting Colors

Hex(3954B5)

Have a look what the booklet for  
Hex(3954B5) contains.

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# Color

**Hex(3954B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3954B5
RGB	57, 84, 181
RGB Percent	22%, 33%, 71%
CMY	0.7765, 0.6706, 0.2902
CMYK	0.69, 0.54, 0.00, 0.29
HSL	227°, 52%, 47%
HSV	227°, 69%, 71%
XYZ	13.1982, 10.5467, 45.0562
YIQ	86.9850, -47.2290, 24.4430

# Conversions

## Conversions Part 2

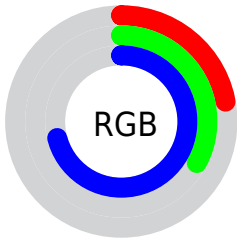
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 79, 181
Decimal	3757237
CIELab	38.81, 22.68, -54.54
CIElCh	39, 59.073, 292.582
Yxy	10.5467, 0.1918, 0.1533
Android (android.graphics.Color)	4281947317 (0xFF3954B5)
YUV	86.9850, 46.3494, -26.2968
Hunter-Lab	32.4757, 15.7102, -59.5249

# Details

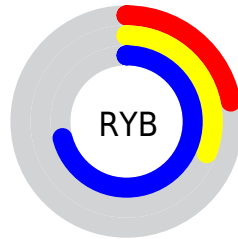
The Hex color **3954B5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B59A39**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7685EE**, and **00287F** is the 20% darker color. If you saturate the color by 10%, you get **2746B5**, and if you desaturate by 10%, it is **4B62B5**.

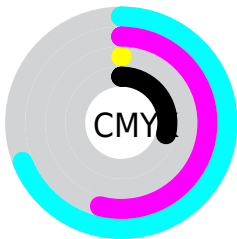
# Distribution



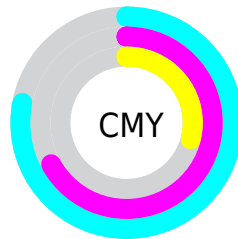
- Red (22%)
- Green (33%)
- Blue (71%)



- Red (22%)
- Yellow (31%)
- Blue (71%)



- Cyan (69%)
- Magenta (54%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (67%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3954B5 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 3954B5 by changing the saturation by 10% instead.



 3954B5

 3954B5

FFFFFF

 0C3D9A

 7685EE

 00287F

 939FFF

 001566

 B0BAFF

 00004D

 CED6FF

 000535

 EBF2FF

 00021F

 000002

 000000

 3954B5

 3954B5

■ 2746B5

■ 4B62B5

■ 1538B5

■ 5D70B5

■ 032AB5

■ 6F7EB5

■ 0027B5

■ 818DB5

■ 949BB5

■ A6A9B5

■ B8B7B5

■ CAC5B5

■ DCD3B5

# Harmonies

## Analogous

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



0065BB



3954B5



883B96

# Triad

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



3954B5



9B3F08



006F4D

# Complementary

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



3954B5



B59A39

# 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.



006C1A



3954B5



795500

# Square

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



3954B5



AD253A



4D6400



00707F

# Rectangle

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



3954B5



A22879



4D6400



006F3D



# Sweetspot

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



3954B5



B9C4EB



39B598



585E75



F5F5F5



757575



# Same Dimension

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



3954B5



2A54EB



5A39B5



505259



002199



00061A



# Inverse Universe

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



B53954



EB2A54



94B539



595052



990021



1A0006



# Previews

## White Background



This preview shows how the Hex color 3954B5 looks on a white background.

## Color Contrast Check

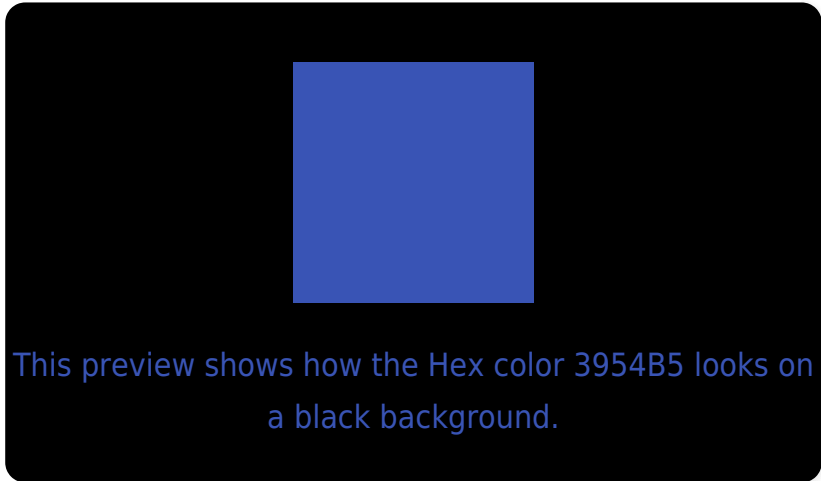
Large Text (above 18pt) WCAG AA ✓ Pass

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

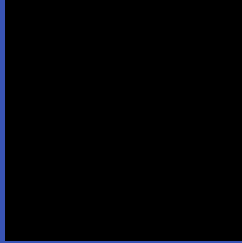
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3954B5 Background



This preview shows how black text looks on a background with the Hex color 3954B5.

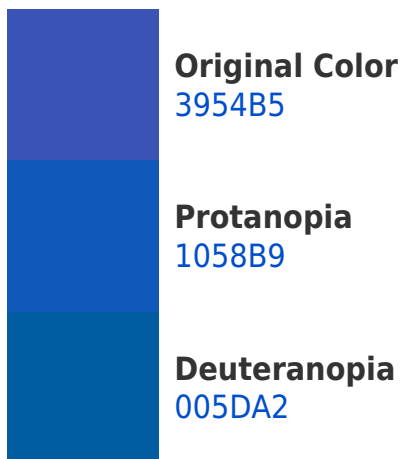


This preview shows how white text looks on a background with the Hex color 3954B5.

# 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](#).

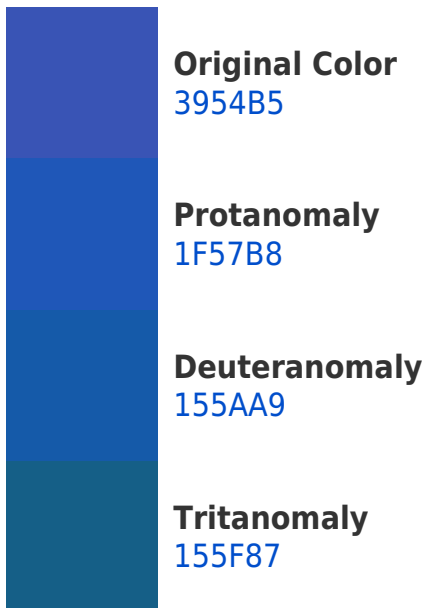
## Dichromacy





**Tritanopia**  
00656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3954B5 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 #3954B5 looks like.

```
.text, #text, p{  
    color:#3954B5  
}
```

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 #3954B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3954B5
}
```

## Border

The CSS property to change the border of an element to Hex 3954B5 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
#3954B5 }
```

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

```
.border{ border-color:#3954B5 }
```

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

Here you see how a box with a 4 pixel #3954B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3954B5; -webkit-box-shadow:4px 4px  
4px 4px #3954B5; box-shadow:4px 4px 4px  
4px #3954B5 }
```

# Background

The CSS property to change the background color of an element to Hex 3954B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3954B5 }
```

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

```
.background{ background-color:#3954B5 }
```

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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