

# Converting Colors

Hex(355DB0)

Have a look what the booklet for  
Hex(355DB0) contains.

<b>Hex(355DB0)</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(355DB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	355DB0
RGB	53, 93, 176
RGB Percent	21%, 36%, 69%
CMY	0.7922, 0.6353, 0.3098
CMYK	0.70, 0.47, 0.00, 0.31
HSL	220°, 54%, 45%
HSV	220°, 70%, 69%
XYZ	13.2190, 11.7202, 42.6398
YIQ	90.5020, -50.4830, 17.3330

# Conversions

## Conversions Part 2

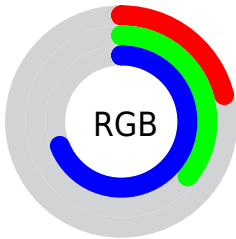
Format	Color
R <sub>Y</sub> B	53, 83, 176
Decimal	3497392
CIE Lab	40.77, 14.36, -48.45
CIE LCh	41, 50.533, 286.515
Yxy	11.7202, 0.1956, 0.1734
Android (android.graphics.Color)	4281687472 (0xFF355DB0)
YUV	90.5020, 42.1505, -32.8893
Hunter-Lab	34.2347, 9.0132, -49.8821




# Details

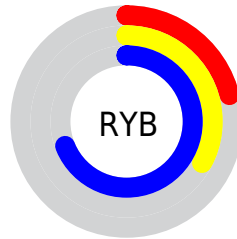
The Hex color **355DB0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B08835**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **728FE8**, and **00307B** is the 20% darker color. If you saturate the color by 10%, you get **2351B0**, and if you desaturate by 10%, it is **4769B0**.

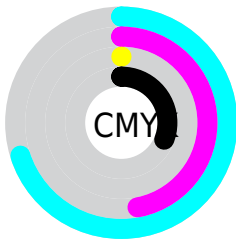
# Distribution







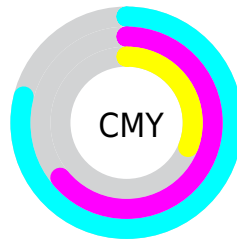
-  Red (21%)
-  Green (36%)
-  Blue (69%)






-  Red (21%)
-  Yellow (33%)
-  Blue (69%)



-  Cyan (70%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (79%)
-  Magenta (64%)
-  Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 355DB0 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 355DB0 by changing the saturation by 10% instead.



■ 355DB0

■ 355DB0

FFFFFF

■ 054695

■ 728FE8

■ 00307B

■ 8FA9FF

■ 001C61

■ ABC4FF

■ 000049

■ C9E0FF

■ 000431

■ E6FDFF

■ 00011C

■ 000000

■ 355DB0

■ 355DB0

■ 2351B0

■ 4769B0

■ 1245B0

■ 5875B0

■ 0039B0

■ 6A81B0

■ 7B8DB0

■ 8D98B0

■ 9FA4B0

■ B0B0B0

■ C2BCB0

■ D3C8B0

# Harmonies

## Analogous

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



006AB1



355DB0



7E4A9A

# Triad

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



355DB0



9E4525



00724B

# Complementary

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



355DB0



B08835

# 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.



2B6E22



355DB0



835700

# Square

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



355DB0



AA374B



5E6500



007376

# Rectangle

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



355DB0



983E82



5E6500



00713D



# Sweetspot

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



355DB0



B5C5E6



35B087



565F73



F2F2F2



737373



# Same Dimension

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



355DB0



2563E6



4935B0



505359



003299



00081A



# Inverse Universe

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



B0355D



E62563



9BB035



595053



990032



1A0008



# Previews

## White Background



This preview shows how the Hex color 355DB0 looks on a white background.

## Color Contrast Check

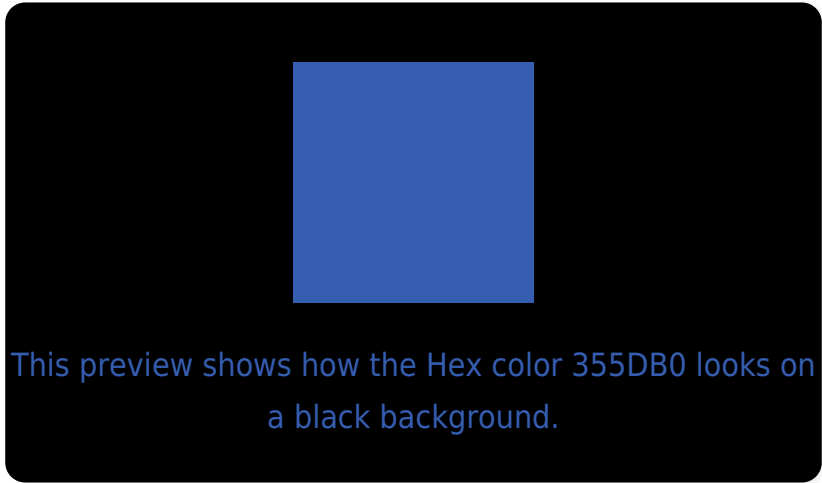
Large Text (above 18pt) WCAG AA ✓ Pass

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 355DB0 Background



This preview shows how black text looks on a background with the Hex color 355DB0.

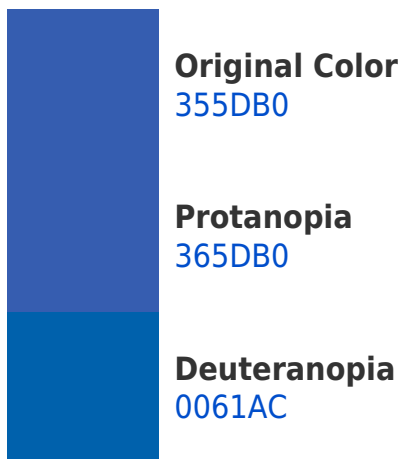


This preview shows how white text looks on a background with the Hex color 355DB0.

# 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](#).

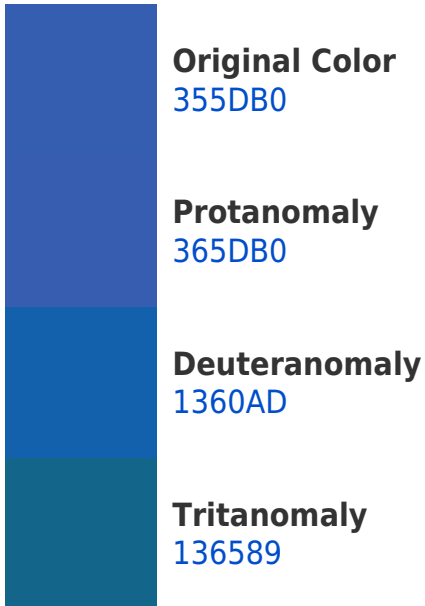
## Dichromacy



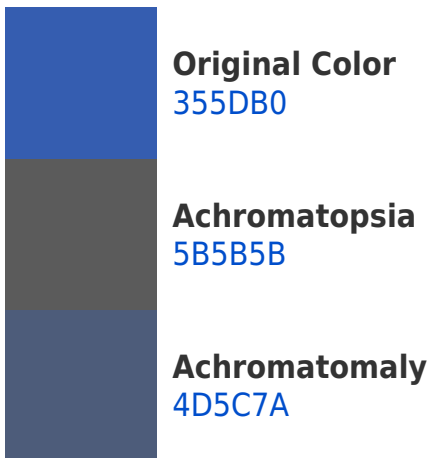


**Tritanopia**  
006A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 355DB0 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 #355DB0 looks like.

```
.text, #text, p{  
    color:#355DB0  
}
```

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 #355DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355DB0
}
```

## Border

The CSS property to change the border of an element to Hex 355DB0 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
#355DB0 }
```

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

```
.border{ border-color:#355DB0 }
```

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

Here you see how a box with a 4 pixel #355DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355DB0; -webkit-box-shadow:4px 4px  
4px 4px #355DB0; box-shadow:4px 4px 4px  
4px #355DB0 }
```

# Background

The CSS property to change the background color of an element to Hex 355DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355DB0 }
```

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

```
.background{ background-color:#355DB0 }
```

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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