

# Converting Colors

Hex(0355C1)

Have a look what the booklet for  
Hex(0355C1) contains.

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# Color

Hex(0355C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	0355C1
RGB	3, 85, 193
RGB Percent	1%, 33%, 76%
CMY	0.9882, 0.6667, 0.2431
CMYK	0.98, 0.56, 0.00, 0.24
HSL	214°, 97%, 38%
HSV	214°, 98%, 76%
XYZ	12.9117, 10.3666, 51.7725
YIQ	72.7940, -83.5400, 16.2040

# Conversions

## Conversions Part 2

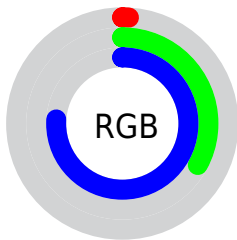
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 60, 193
Decimal	218561
CIE Lab	38.49, 22.15, -62.15
CIE LCh	38, 65.979, 289.615
Yxy	10.3666, 0.1720, 0.1381
Android (android.graphics.Color)	4278408641 (0xFF0355C1)
YUV	72.7940, 59.2616, -61.2093
Hunter-Lab	32.1972, 15.2367, -72.7991

# Details

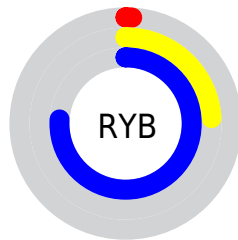
The Hex color **0355C1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C16F03**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6186FA**, and **002A8A** is the 20% darker color. If you saturate the color by 10%, you get **0053C1**, and if you desaturate by 10%, it is **1660C1**.

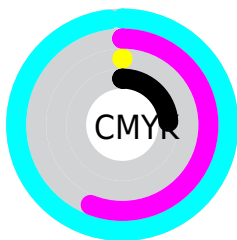
# Distribution



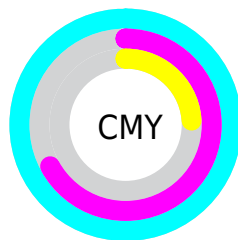
- Red (1%)
- Green (33%)
- Blue (76%)



- Red (1%)
- Yellow (24%)
- Blue (76%)



- Cyan (98%)
- Magenta (56%)
- Yellow (0%)
- Black (24%)



- Cyan (99%)
- Magenta (67%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0355C1 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 0355C1 by changing the saturation by 10% instead.



■ 0355C1

■ 0355C1

FFFFFF

■ 003EA5

■ 6186FA

■ 002A8A

■ 81A0FF

■ 001770

■ 9FBFFF

■ 000057

■ BDD6FF

■ 00063F

■ DCF3FF

■ 000328

■ FAFFFF

■ 000111

■ 000000

■ 0355C1

■ 0355C1

■ 0053C1

■ 1660C1

■ 2A6BC1

■ 3D76C1

■ 5081C1

■ 638CC1

■ 7797C1

■ 8AA2C1

■ 9DADC1

■ B1B8C1

# Harmonies

## Analogous

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



0067C5



0355C1



8637A1

# Triad

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



0355C1



A23600



007046

# Complementary

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



0355C1



C16F03

# 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.



006C03



0355C1



7F5200

# Square

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



0355C1



B50B3B



4E6300



00717D

# Rectangle

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



0355C1



A51B81



4E6300



006F32



# Sweetspot

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



0355C1



AFCFFA



03C16F



50637D



FCFCFC



7D7D7D



# Same Dimension

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



0355C1



006CFA



1003C1



575B61



0045A1



000E21



# Inverse Universe

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



C10355



FA006C



B4C103



61575B



A10045



21000E



# Previews

## White Background



This preview shows how the Hex color 0355C1 looks on a white background.

## Color Contrast Check

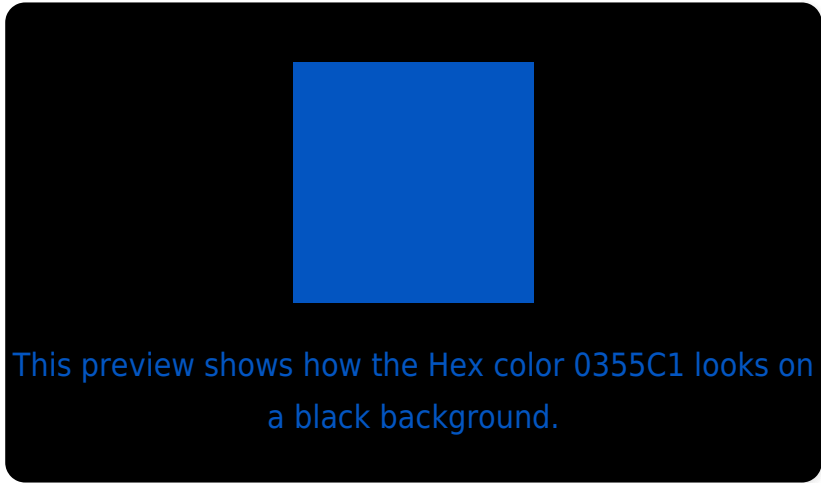
Large Text (above 18pt) WCAG AA ✓ Pass

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

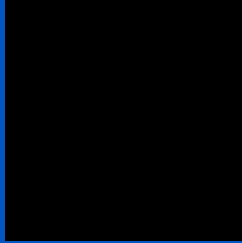
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0355C1 Background



This preview shows how black text looks on a background with the Hex color 0355C1.



This preview shows how white text looks on a background with the Hex color 0355C1.

# 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



**Original Color**  
0355C1

**Deuteranomaly**  
015AAB

**Tritanomaly**  
015F8A

# Monochromacy



**Original Color**  
0355C1

**Achromatopsia**  
494949

**Achromatomaly**  
304D75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0355C1 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 #0355C1 looks like.

```
.text, #text, p{  
    color:#0355C1  
}
```

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 #0355C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0355C1
}
```

## Border

The CSS property to change the border of an element to Hex 0355C1 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
#0355C1 }
```

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

```
.border{ border-color:#0355C1 }
```

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

Here you see how a box with a 4 pixel #0355C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0355C1; -webkit-box-shadow:4px 4px  
4px 4px #0355C1; box-shadow:4px 4px 4px  
4px #0355C1 }
```

# Background

The CSS property to change the background color of an element to Hex 0355C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0355C1 }
```

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

```
.background{ background-color:#0355C1 }
```

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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