

Converting Colors

Hex(0353C5)

Have a look what the booklet for
Hex(0353C5) contains.

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Color

Hex(0353C5)

Conversions

Conversions Part 1

Format	Color
Hex	0353C5
RGB	3, 83, 197
RGB Percent	1%, 33%, 77%
CMY	0.9882, 0.6745, 0.2275
CMYK	0.98, 0.58, 0.00, 0.23
HSL	215°, 97%, 39%
HSV	215°, 98%, 77%
XYZ	13.2089, 10.2371, 54.1031
YIQ	72.0760, -84.2740, 18.4940

Conversions

Conversions Part 2

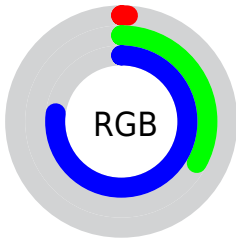
Format	Color
R_{YB}	3, 60, 197
Decimal	218053
CIE _{Lab}	38.26, 25.09, -64.85
CIE _{LCh}	38, 69.535, 291.150
Yxy	10.2371, 0.1703, 0.1320
Android (android.graphics.Color)	4278408133 (0xFF0353C5)
YUV	72.0760, 61.5875, -60.5797
Hunter-Lab	31.9955, 17.6991, -77.8603

Details

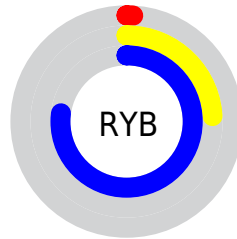
The Hex color **0353C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C57503**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6284FF**, and **00288E** is the 20% darker color. If you saturate the color by 10%, you get **0051C5**, and if you desaturate by 10%, it is **175FC5**.

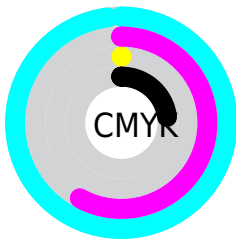
Distribution



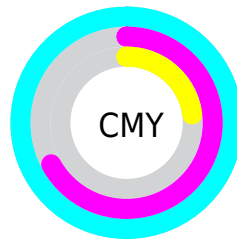
- Red (1%)
- Green (33%)
- Blue (77%)



- Red (1%)
- Yellow (24%)
- Blue (77%)



- Cyan (98%)
- Magenta (58%)
- Yellow (0%)
- Black (23%)



- Cyan (99%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0353C5 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 0353C5 by changing the saturation by 10% instead.

■ 0353C5

■ 0353C5

FFFFFF

■ 003DA9

■ 6284FF

■ 00288E

■ 829EFF

■ 001674

■ A1B8FF

■ 00005A

■ BFD4FF

■ 000742

■ DEF0FF

■ 00032B

FDFFFF

■ 000115

■ 000000

■ 0353C5

■ 0353C5

■ 0051C5

■ 175FC5

■ 2A6AC5

■ 3E76C5

■ 5281C5

■ 668DC5

■ 7998C5

■ 8DA4C5

■ A1B0C5

■ B4BBC5

Harmonies

Analogous

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



0066CB



0353C5



8B31A2

Triad

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



0353C5



A33400



007047

Complementary

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



0353C5



C57503

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.



006C00



0353C5



7C5200

Square

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



0353C5



B80036



496300



007182

Rectangle

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



0353C5



AA0880



496300



006F33

Sweetspot

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



0353C5



B3D2FF



03C574



526580



000000



808080

Same Dimension

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



0353C5



0069FF



1303C5



5A5E63



0043A3



000F24

Inverse Universe

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



C50353



FF0069



B5C503



635A5E



A30043



24000F

Previews

White Background



This preview shows how the Hex color 0353C5 looks on a white background.

Color Contrast Check

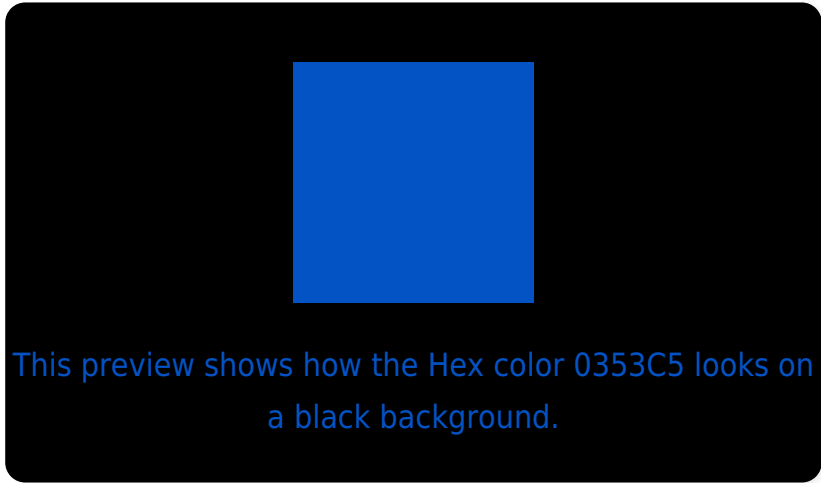
Large Text (above 18pt) WCAG AA ✓ Pass

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

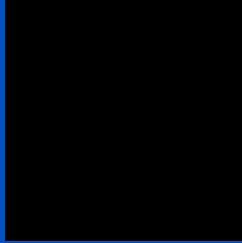
Any Text WCAG AA × Fail

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 0353C5 Background



This preview shows how black text looks on a background with the Hex color 0353C5.



This preview shows how white text looks on a background with the Hex color 0353C5.

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
0353C5

Protanopia
0057B8

Deuteranopia
005C9E



Tritanopia
00646A

Trichromacy



Original Color
0353C5

Protanomaly
0156BD

Deuteranomaly
0159AC

Tritanomaly
015E8B

Monochromacy



Original Color
0353C5

Achromatopsia
484848

Achromatomaly
2F4C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 0353C5 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 #0353C5 looks like.

```
.text, #text, p{  
    color:#0353C5  
}
```

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 #0353C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0353C5  
}
```

Border

The CSS property to change the border of an element to Hex 0353C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

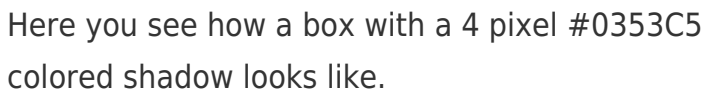
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0353C5 }
```

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

```
.border{ border-color:#0353C5 }
```

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



Here you see how a box with a 4 pixel #0353C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0353C5; -webkit-box-shadow:4px 4px  
4px 4px #0353C5; box-shadow:4px 4px 4px  
4px #0353C5 }
```

Background

The CSS property to change the background color of an element to Hex 0353C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0353C5 }
```

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

```
.background{ background-color:#0353C5 }
```

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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