

Converting Colors

Hex(355AD1)

Have a look what the booklet for
Hex(355AD1) contains.

Hex(355AD1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(355AD1)

Conversions

Conversions Part 1

Format	Color
Hex	355AD1
RGB	53, 90, 209
RGB Percent	21%, 35%, 82%
CMY	0.7922, 0.6471, 0.1804
CMYK	0.75, 0.57, 0.00, 0.18
HSL	226°, 63%, 51%
HSV	226°, 75%, 82%
XYZ	16.6330, 12.6727, 61.8910
YIQ	92.5030, -60.2510, 29.1650

Conversions

Conversions Part 2

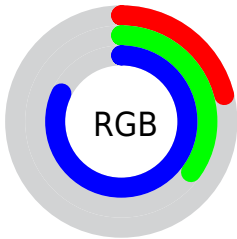
Format	Color
RYB	53, 83, 209
Decimal	3496657
CIELab	42.27, 28.53, -65.21
CIELCh	42, 71.181, 293.625
Yxy	12.6727, 0.1824, 0.1390
Android (android.graphics.Color)	4281686737 (0xFF355AD1)
YUV	92.5030, 57.4330, -34.6441
Hunter-Lab	35.5987, 21.1039, -78.1611

Details

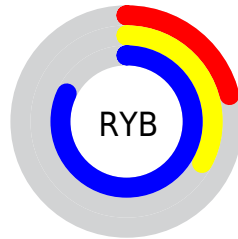
The Hex color **355AD1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **D1AC35**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **798CFF**, and **002D99** is the 20% darker color. If you saturate the color by 10%, you get **204AD1**, and if you desaturate by 10%, it is **4A6AD1**.

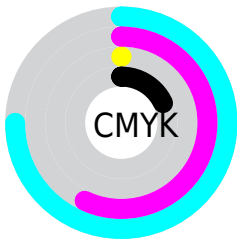
Distribution



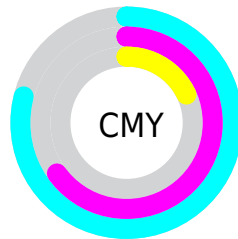
- Red (21%)
- Green (35%)
- Blue (82%)



- Red (21%)
- Yellow (33%)
- Blue (82%)



- Cyan (75%)
- Magenta (57%)
- Yellow (0%)
- Black (18%)



- Cyan (79%)
- Magenta (65%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355AD1 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 355AD1 by changing the saturation by 10% instead.

 355AD1

 355AD1

FFFFFF

 0043B5

 798CFF

 002D99

 97A6FF

 001A7F

 B6C1FF

 000265

 D4DDFF

 00094C

 F2F9FF

 000434

 00021E

 000000

 355AD1

 355AD1

■ 204AD1

■ 4A6AD1

■ 0B3AD1

■ 5F7AD1

■ 0032D1

■ 748AD1

■ 899AD1

■ 9EAAD1

■ B2BAD1

■ C7CAD1

■ DCDAD1

■ F1E9D1

Harmonies

Analogous

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



006FDA



355AD1



9C37AA

Triad

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



355AD1



AE4100



007B55

Complementary

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



355AD1



D1AC35

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.



007711



355AD1



855D00

Square

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



355AD1



C51339



4D6E00



007C92

Rectangle

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



355AD1



BA1586



4D6E00



007A40

Sweetspot

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



355AD1



C7D4FF



35D1AA



5E6680



000000



808080

Same Dimension

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



355AD1



1950FF



5C35D1



5E6169



0028A8



000A29

Inverse Universe

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



D1355A



FF1950



AAD135



695E61



A80028



29000A

Previews

White Background



This preview shows how the Hex color 355AD1 looks on a white background.

Color Contrast Check

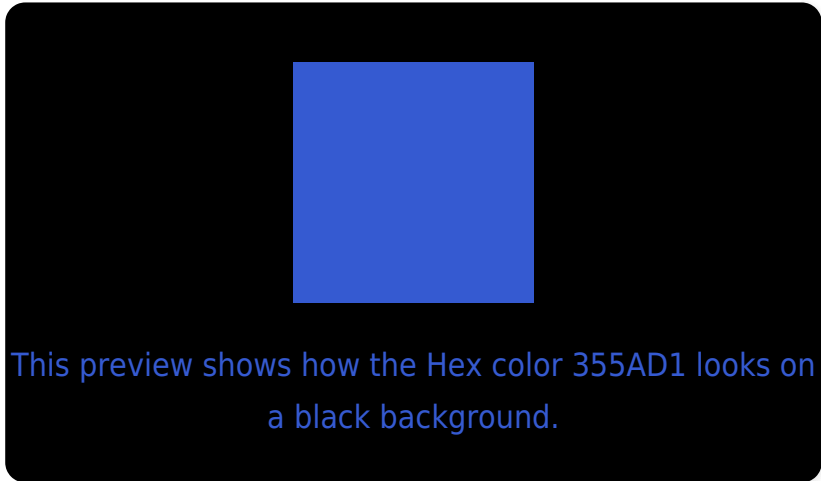
Large Text (above 18pt) WCAG AA ✓ Pass

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

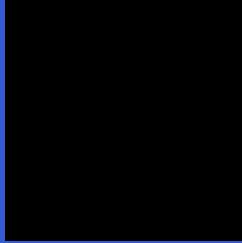
Any Text WCAG AA × Fail

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 355AD1 Background



This preview shows how black text looks on a background with the Hex color 355AD1.

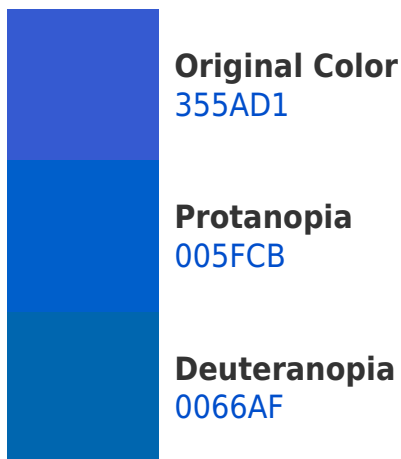


This preview shows how white text looks on a background with the Hex color 355AD1.

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](#).

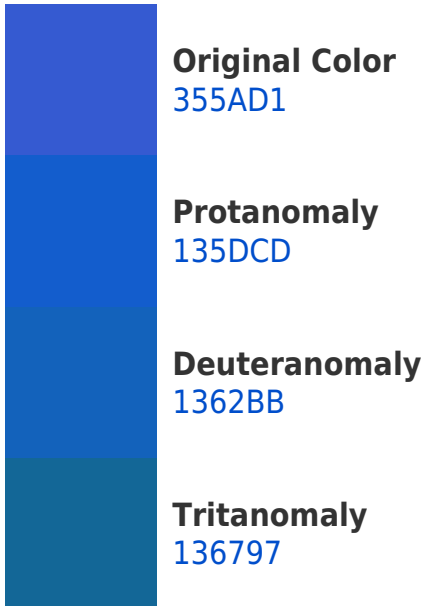
Dichromacy



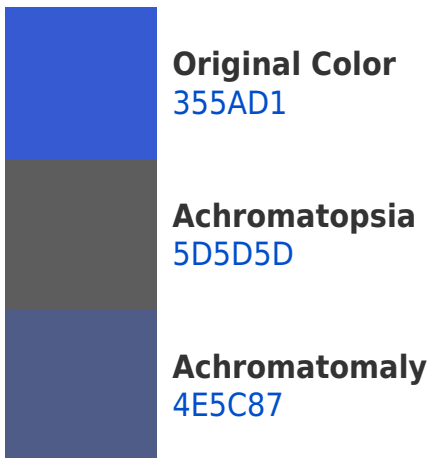


Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 355AD1 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 #355AD1 looks like.

```
.text, #text, p{  
    color:#355AD1  
}
```

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 #355AD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355AD1
}
```

Border

The CSS property to change the border of an element to Hex 355AD1 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
#355AD1 }
```

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

```
.border{ border-color:#355AD1 }
```

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

Here you see how a box with a 4 pixel #355AD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355AD1; -webkit-box-shadow:4px 4px  
4px 4px #355AD1; box-shadow:4px 4px 4px  
4px #355AD1 }
```

Background

The CSS property to change the background color of an element to Hex 355AD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355AD1 }
```

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

```
.background{ background-color:#355AD1 }
```

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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