

Converting Colors

Hex(355ACB)

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

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Color

Hex(355ACB)

Conversions

Conversions Part 1

Format	Color
Hex	355ACB
RGB	53, 90, 203
RGB Percent	21%, 35%, 80%
CMY	0.7922, 0.6471, 0.2039
CMYK	0.74, 0.56, 0.00, 0.20
HSL	225°, 59%, 50%
HSV	225°, 74%, 80%
XYZ	15.9039, 12.3810, 58.0515
YIQ	91.8190, -58.3250, 27.2990

Conversions

Conversions Part 2

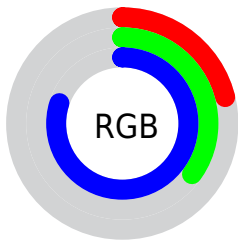
Format	Color
R_{YB}	53, 83, 203
Decimal	3496651
CIE _{Lab}	41.82, 26.32, -62.49
CIE _{LCh}	42, 67.808, 292.839
Yxy	12.3810, 0.1842, 0.1434
Android (android.graphics.Color)	4281686731 (0xFF355ACB)
YUV	91.8190, 54.8122, -34.0443
Hunter-Lab	35.1867, 19.1027, -73.1868

Details

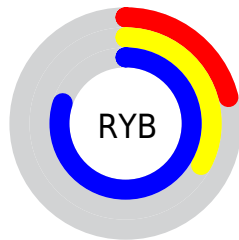
The Hex color **355ACB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CBA635**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **778CFF**, and **002D94** is the 20% darker color. If you saturate the color by 10%, you get **214BCB**, and if you desaturate by 10%, it is **4969CB**.

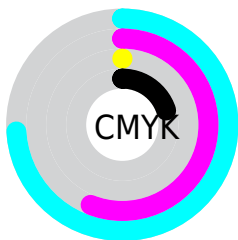
Distribution



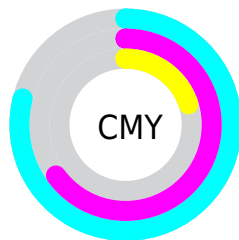
- Red (21%)
- Green (35%)
- Blue (80%)



- Red (21%)
- Yellow (33%)
- Blue (80%)



- Cyan (74%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (79%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 355ACB

 355ACB

FFFFFF

 0043AF

 778CFF

 002D94

 96A6FF

 001A79

 B4C1FF

 000160

 D2DDFF

 000847

 F0F9FF

 000430

 00011A

 000000

 355ACB

 355ACB

■ 214BCB

■ 4969CB

■ 0C3BCB

■ 5E79CB

■ 0032CB

■ 7288CB

■ 8697CB

■ 9BA6CB

■ AFB6CB

■ C3C5CB

■ D7D4CB

■ ECE4CB

Harmonies

Analogous

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



006ED3



355ACB



973AA7

Triad

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



355ACB



AB4100



007953

Complementary

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



355ACB



CBA635

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.



007514



355ACB



845C00

Square

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



355ACB



C01C3B



4F6C00



007A8D

Rectangle

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



355ACB



B41F85



4F6C00



00783F

Sweetspot

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



355ACB



C7D5FF



35CBA6



5E6780



000000



808080

Same Dimension

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



355ACB



1C54FF



5B35CB



5C5E66



0029A6



000926

Inverse Universe

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



CB355A



FF1C54



A6CB35



665C5E



A60029



260009

Previews

White Background



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

Color Contrast Check

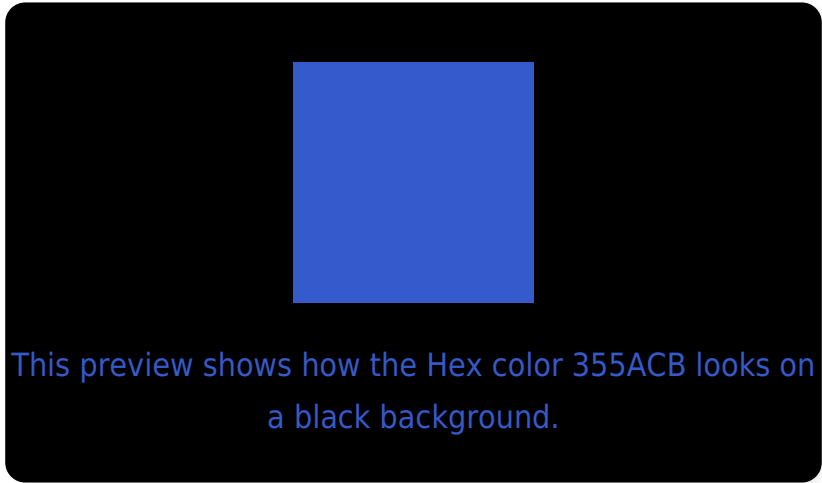
Large Text (above 18pt) WCAG AA ✓ Pass

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

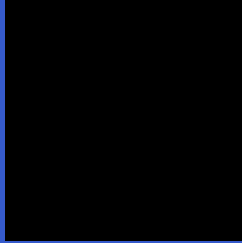
Any Text WCAG AA × Fail

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 355ACB Background



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

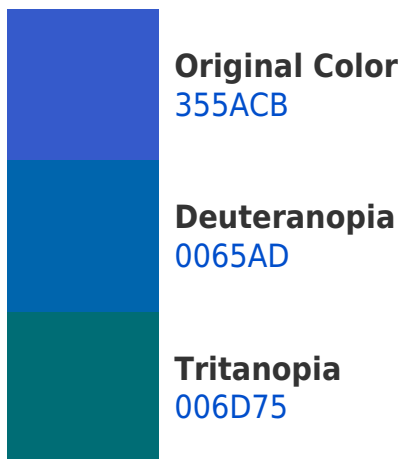


This preview shows how white text looks on a background with the Hex color 355ACB.

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
355ACB

Deuteranomaly
1361B8

Tritanomaly
136694

Monochromacy



Original Color
355ACB

Achromatopsia
5C5C5C

Achromatomaly
4E5B84

CSS Examples

Text

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

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

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 #355ACB colored shadow looks like.

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

Border

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

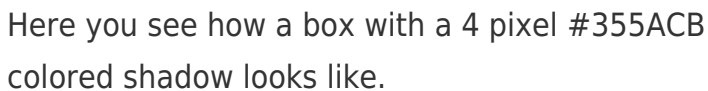
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#355ACB }
```

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

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

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



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

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

Background

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

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

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

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

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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