

Converting Colors

Hex(357ACF)

Have a look what the booklet for
Hex(357ACF) contains.

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Color

Hex(357ACF)

Conversions

Conversions Part 1

Format	Color
Hex	357ACF
RGB	53, 122, 207
RGB Percent	21%, 48%, 81%
CMY	0.7922, 0.5216, 0.1882
CMYK	0.74, 0.41, 0.00, 0.19
HSL	213°, 62%, 51%
HSV	213°, 74%, 81%
XYZ	19.6902, 19.1809, 61.6960
YIQ	111.0590, -68.4090, 11.8070

Conversions

Conversions Part 2

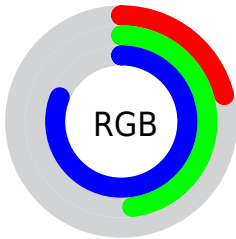
Format	Color
RYB	53, 101, 207
Decimal	3504847
CIELab	50.90, 7.50, -50.16
CIElCh	51, 50.715, 278.501
Yxy	19.1809, 0.1958, 0.1907
Android (android.graphics.Color)	4281694927 (0xFF357ACF)
YUV	111.0590, 47.2989, -50.9177
Hunter-Lab	43.7961, 3.6085, -52.8652

Details

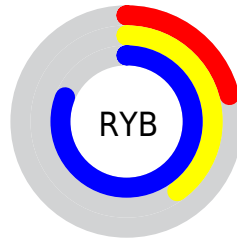
The Hex color **357ACF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CF8A35**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **77AEFF**, and **004A98** is the 20% darker color. If you saturate the color by 10%, you get **206FCF**, and if you desaturate by 10%, it is **4A85CF**.

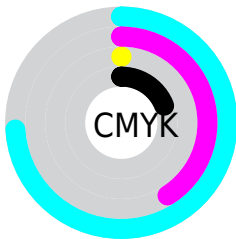
Distribution



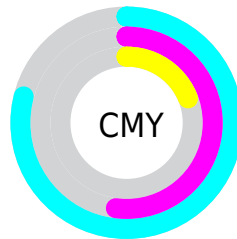
- Red (21%)
- Green (48%)
- Blue (81%)



- Red (21%)
- Yellow (40%)
- Blue (81%)



- Cyan (74%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357ACF 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 357ACF by changing the saturation by 10% instead.

■ 357ACF

■ 357ACF

FFFFFF

■ 0061B3

■ 77AEFF

■ 004A98

■ 95C9FF

■ 00347E

■ B3E5FF

■ 002064

■ D1FFFF

■ 00074C

■ F0FFFF

■ 000434

■ 00021E

■ 000000

■ 357ACF

■ 357ACF

■ 206FCF

■ 4A85CF

■ 0C63CF

■ 5E91CF

■ 005DCF

■ 739CCF

■ 88A8CF

■ 9DB3CF

■ B1BFCF

■ C6CACF

■ DBD5CF

■ EFE1CF

Harmonies

Analogous

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



0086C9



357ACF



8B68BD

Triad

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



357ACF



C15A46



008C58

Complementary

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



357ACF



CF8A35

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.



568631



357ACF



A96C25

Square

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



357ACF



C8506F



847B1A



008E85

Rectangle

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



357ACF



AC5CA7



847B1A



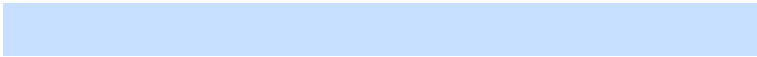
278A4A

Sweetspot

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



357ACF



C7E0FF



35CF8A



5E6D80



000000



808080

Same Dimension

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



357ACF



1C82FF



3D35CF



5E6369



004BA8



001229

Inverse Universe

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



CF357A



FF1C82



C7CF35



695E63



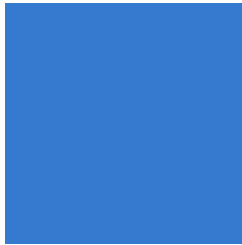
A8004B



290012

Previews

White Background



This preview shows how the Hex color 357ACF looks on a white background.

Color Contrast Check

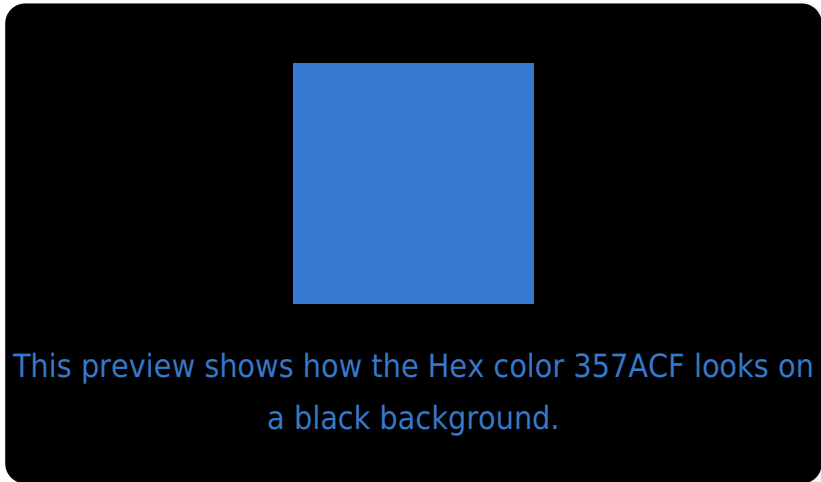
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 357ACF Background



This preview shows how black text looks on a background with the Hex color 357ACF.

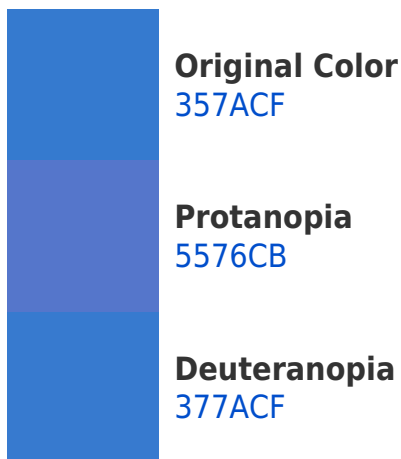


This preview shows how white text looks on a background with the Hex color 357ACF.

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](#).

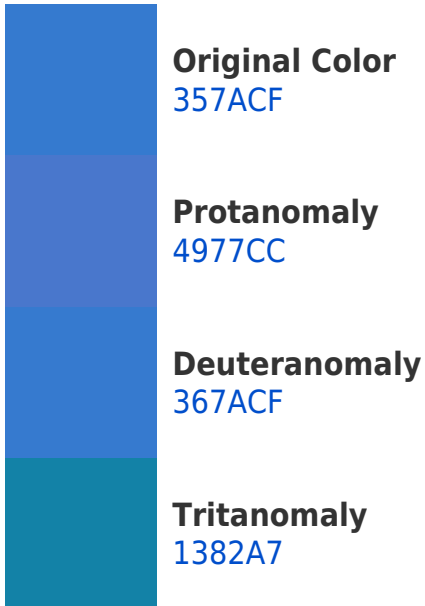
Dichromacy



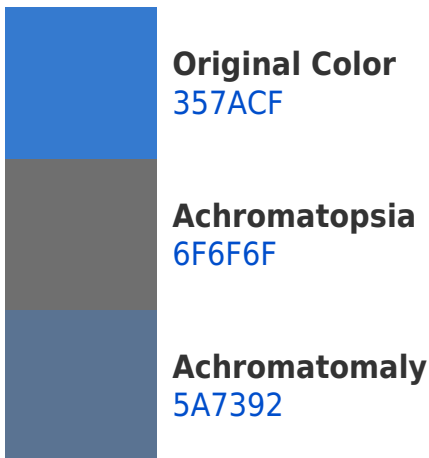


Tritanopia
008690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 357ACF 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 #357ACF looks like.

```
.text, #text, p{  
    color:#357ACF  
}
```

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 #357ACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357ACF
}
```

Border

The CSS property to change the border of an element to Hex 357ACF 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
#357ACF }
```

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

```
.border{ border-color:#357ACF }
```

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

Here you see how a box with a 4 pixel #357ACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357ACF; -webkit-box-shadow:4px 4px  
4px 4px #357ACF; box-shadow:4px 4px 4px  
4px #357ACF }
```

Background

The CSS property to change the background color of an element to Hex 357ACF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357ACF }
```

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

```
.background{ background-color:#357ACF }
```

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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