

# Converting Colors

Hex(357DC6)

Have a look what the booklet for  
Hex(357DC6) contains.

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# Color

Hex(357DC6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	357DC6
RGB	53, 125, 198
RGB Percent	21%, 49%, 78%
CMY	0.7922, 0.5098, 0.2235
CMYK	0.73, 0.37, 0.00, 0.22
HSL	210°, 58%, 49%
HSV	210°, 73%, 78%
XYZ	18.9949, 19.5013, 56.1891
YIQ	111.7940, -66.3450, 7.4390

# Conversions

## Conversions Part 2

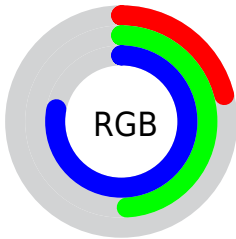
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 101, 198
Decimal	3505606
CIE <sub>Lab</sub>	51.27, 2.38, -44.44
CIE <sub>LCh</sub>	51, 44.504, 273.061
Yxy	19.5013, 0.2006, 0.2060
Android (android.graphics.Color)	4281695686 (0xFF357DC6)
YUV	111.7940, 42.4996, -51.5623
Hunter-Lab	44.1603, -0.5016, -44.5277

# Details

The Hex color **357DC6** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C67E35**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **76B1FF**, and **004D90** is the 20% darker color. If you saturate the color by 10%, you get **2173C6**, and if you desaturate by 10%, it is **4987C6**.

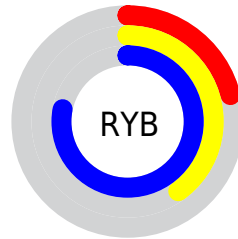
# Distribution



Red (21%)

Green (49%)

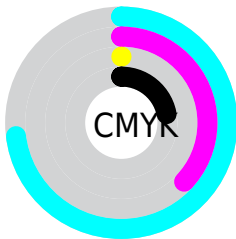
Blue (78%)



Red (21%)

Yellow (40%)

Blue (78%)

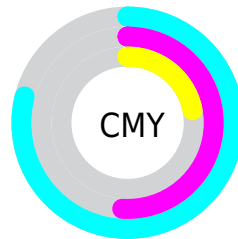


Cyan (73%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (79%)

Magenta (51%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 357DC6 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 357DC6 by changing the saturation by 10% instead.



■ 357DC6

■ 357DC6

FFFFFF

■ 0064AA

■ 76B1FF

■ 004D90

■ 93CDFF

■ 003776

■ B1E9FF

■ 00225C

■ CFFFFF

■ 000A44

■ EDFFFF

■ 00032D

■ 000118

■ 000000

■ 357DC6

■ 357DC6

■ 2173C6

■ 4987C6

■ 0D69C6

■ 5D91C6

■ 0062C6

■ 709BC6

■ 84A5C6

■ 98AFC6

■ ACB9C6

■ C0C3C6

■ D3CDC6

■ E7D7C6

# Harmonies

## Analogous

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



0087BD



357DC6



816FBA

# Triad

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



357DC6



BD5E53



2E8A56

# Complementary

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



357DC6



C67E35

# 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.



658437



357DC6



AB6C36

# Square

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



357DC6



BF5878



8C792A



008D7D

# Rectangle

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



357DC6



A064A8



8C792A



44894A

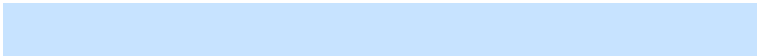


# Sweetspot

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



357DC6



C7E3FF



35C67E



5E6F80



000000



808080



# Same Dimension

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



357DC6



1F8EFF



3535C6



5A5E63



0051A3



001224



# Inverse Universe

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



C6357D



FF1F8E



C6C635



635A5E



A30051



240012



# Previews

## White Background



This preview shows how the Hex color 357DC6 looks on a white background.

## Color Contrast Check

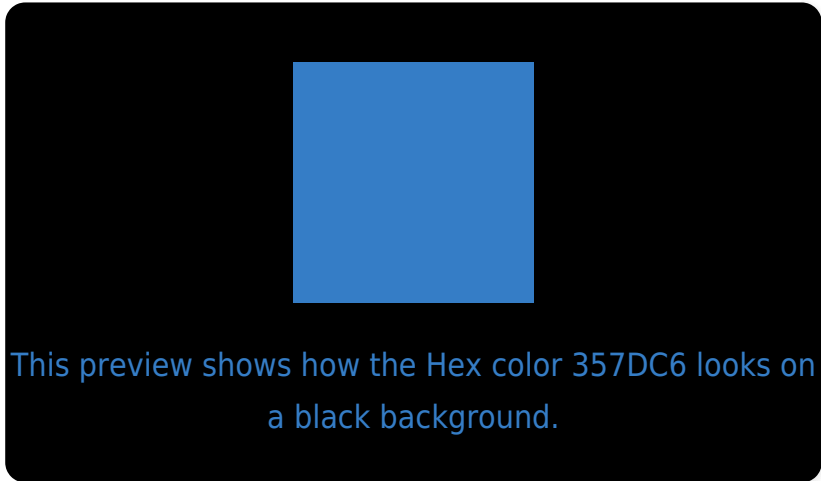
Large Text (above 18pt) WCAG AA ✓ Pass

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

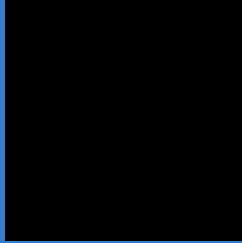
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 357DC6 Background



This preview shows how black text looks on a background with the Hex color 357DC6.

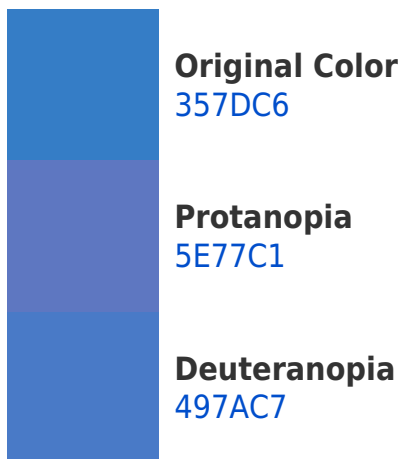


This preview shows how white text looks on a background with the Hex color 357DC6.

# 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](#).

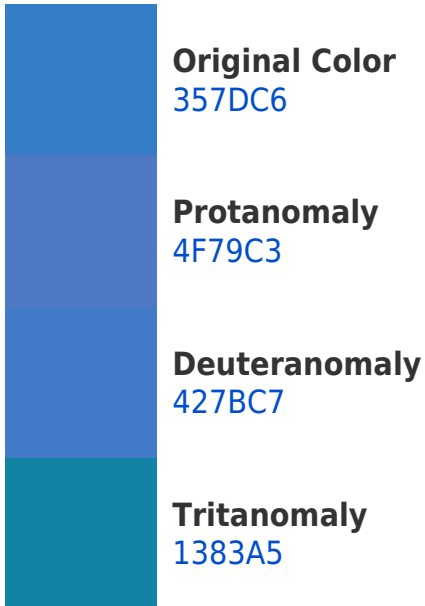
## Dichromacy



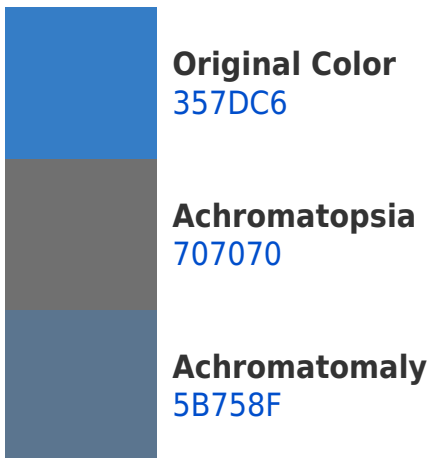


**Tritanopia**  
008792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 357DC6 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 #357DC6 looks like.

```
.text, #text, p{  
    color:#357DC6  
}
```

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 #357DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357DC6
}
```

## Border

The CSS property to change the border of an element to Hex 357DC6 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
#357DC6 }
```

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

```
.border{ border-color:#357DC6 }
```

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

Here you see how a box with a 4 pixel #357DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357DC6; -webkit-box-shadow:4px 4px  
4px 4px #357DC6; box-shadow:4px 4px 4px  
4px #357DC6 }
```

# Background

The CSS property to change the background color of an element to Hex 357DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357DC6 }
```

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

```
.background{ background-color:#357DC6 }
```

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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