

Converting Colors

Hex(3475D7)

Have a look what the booklet for
Hex(3475D7) contains.

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Color

Hex(3475D7)

Conversions

Conversions Part 1

Format	Color
Hex	3475D7
RGB	52, 117, 215
RGB Percent	20%, 46%, 84%
CMY	0.7961, 0.5412, 0.1569
CMYK	0.76, 0.46, 0.00, 0.16
HSL	216°, 67%, 52%
HSV	216°, 76%, 84%
XYZ	20.0432, 18.3589, 66.7772
YIQ	108.7370, -70.1980, 16.6980

Conversions

Conversions Part 2

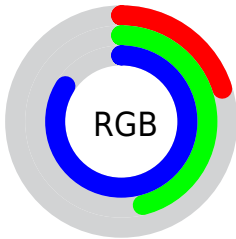
Format	Color
R _Y B	52, 98, 215
Decimal	3438039
CIE Lab	49.93, 13.43, -56.25
CIE LCh	50, 57.835, 283.432
Yxy	18.3589, 0.1906, 0.1745
Android (android.graphics.Color)	4281628119 (0xFF3475D7)
YUV	108.7370, 52.3877, -49.7583
Hunter-Lab	42.8473, 8.5162, -62.4098

Details

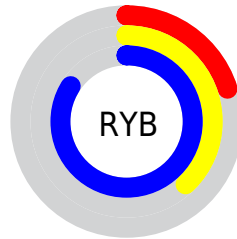
The Hex color **3475D7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **D79634**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **78A8FF**, and **00469F** is the 20% darker color. If you saturate the color by 10%, you get **1E68D7**, and if you desaturate by 10%, it is **4A82D7**.

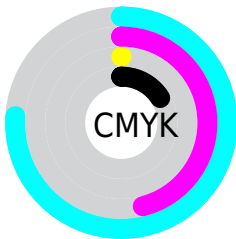
Distribution



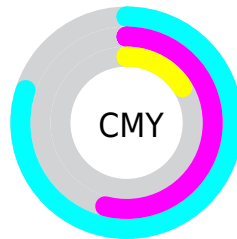
- Red (20%)
- Green (46%)
- Blue (84%)



- Red (20%)
- Yellow (38%)
- Blue (84%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3475D7 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 3475D7 by changing the saturation by 10% instead.

 3475D7

 3475D7

FFFFFF

 005DBB

 78A8FF

 00469F

 97C4FF

 003085

 B5DFFF

 001D6B

 D3FCFF

 000152

 F2FFFF

 00053A

 000223

 00000B

 000000

■ 3475D7

■ 3475D7

■ 1E68D7

■ 4A82D7

■ 095BD7

■ 5F8FD7

■ 0056D7

■ 759CD7

■ 8AA9D7

■ A0B6D7

■ B5C3D7

■ CBCFD7

■ E0DCD7

■ F6E9D7

Harmonies

Analogous

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



0084D5



3475D7



955FBF

Triad

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



3475D7



C35535



008C59

Complementary

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



3475D7



D79634

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.



418629



3475D7



A56A08

Square

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



3475D7



CF4563



7A7B00



008E8C

Rectangle

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



3475D7



B650A4



7A7B00



008A48

Sweetspot

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



3475D7



C4DCFF



34D796



5C6A80



000000



808080

Same Dimension

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



3475D7



1773FF



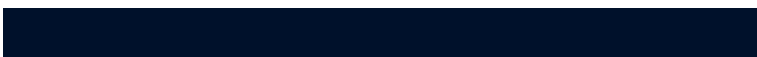
4434D7



60656B



0044AB



00112B

Inverse Universe

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



D73475



FF1773



C7D734



6B6065



AB0044



2B0011

Previews

White Background



This preview shows how the Hex color 3475D7 looks on a white background.

Color Contrast Check

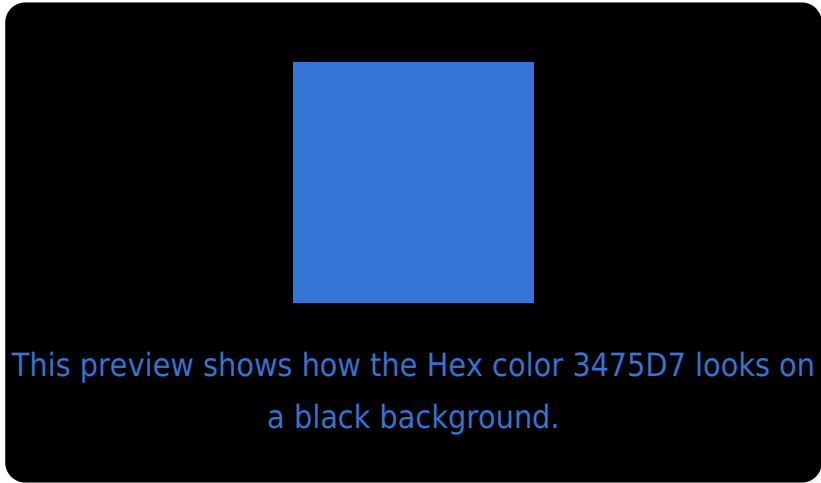
Large Text (above 18pt) WCAG AA ✓ Pass

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

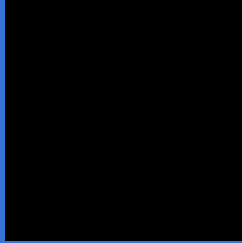
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

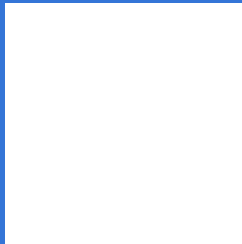
Any Text WCAG AAA × Fail

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

Hex 3475D7 Background



This preview shows how black text looks on a background with the Hex color 3475D7.

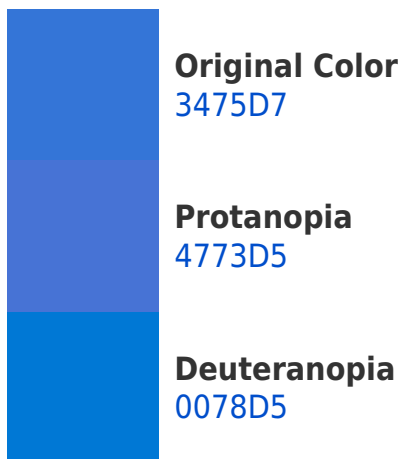


This preview shows how white text looks on a background with the Hex color 3475D7.

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
3475D7

Protanomaly
4074D6

Deuteranomaly
1377D6

Monochromacy



Original Color
3475D7

Achromatopsia
6D6D6D

Achromatomaly
587094

CSS Examples

Text

The CSS property to change the color of the text to Hex 3475D7 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 #3475D7 looks like.

```
.text, #text, p{  
    color:#3475D7  
}
```

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 #3475D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3475D7
}
```

Border

The CSS property to change the border of an element to Hex 3475D7 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
#3475D7 }
```

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

```
.border{ border-color:#3475D7 }
```

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

Here you see how a box with a 4 pixel #3475D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3475D7; -webkit-box-shadow:4px 4px  
4px 4px #3475D7; box-shadow:4px 4px 4px  
4px #3475D7 }
```

Background

The CSS property to change the background color of an element to Hex 3475D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3475D7 }
```

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

```
.background{ background-color:#3475D7 }
```

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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