

Converting Colors

Hex(3457D2)

Have a look what the booklet for
Hex(3457D2) contains.

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Color

Hex(3457D2)

Conversions

Conversions Part 1

Format	Color
Hex	3457D2
RGB	52, 87, 210
RGB Percent	20%, 34%, 82%
CMY	0.7961, 0.6588, 0.1765
CMYK	0.75, 0.59, 0.00, 0.18
HSL	227°, 64%, 51%
HSV	227°, 75%, 82%
XYZ	16.4572, 12.1996, 62.4601
YIQ	90.5570, -60.3430, 30.8330

Conversions

Conversions Part 2

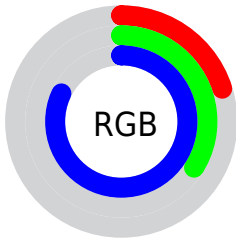
Format	Color
RYB	52, 81, 210
Decimal	3430354
CIELab	41.53, 30.70, -66.99
CIELCh	42, 73.687, 294.623
Yxy	12.1996, 0.1806, 0.1339
Android (android.graphics.Color)	4281620434 (0xFF3457D2)
YUV	90.5570, 58.8854, -33.8145
Hunter-Lab	34.9279, 22.9812, -81.5763

Details

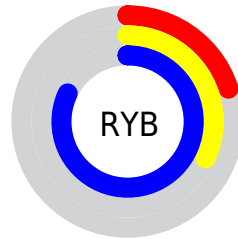
The Hex color **3457D2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **D2AF34**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7988FF**, and **002B9A** is the 20% darker color. If you saturate the color by 10%, you get **1F47D2**, and if you desaturate by 10%, it is **4967D2**.

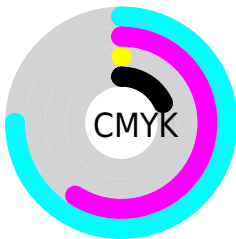
Distribution



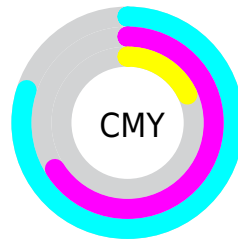
- Red (20%)
- Green (34%)
- Blue (82%)



- Red (20%)
- Yellow (32%)
- Blue (82%)



- Cyan (75%)
- Magenta (59%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (66%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3457D2 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 3457D2 by changing the saturation by 10% instead.

 3457D2

 3457D2

FFFFFF

 0040B6

 7988FF

 002B9A

 97A3FF

 001880

 B6BEFF

 000066

 D4D9FF

 000A4D

 F3F6FF

 000535

 00021F

 000002

 000000

■ 3457D2

■ 3457D2

■ 1F47D2

■ 4967D2

■ 0A36D2

■ 5E78D2

■ 002FD2

■ 7388D2

■ 8898D2

■ 9DA9D2

■ B2B9D2

■ C7C9D2

■ DCDAD2

■ F1EAD2

Harmonies

Analogous

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



006EDD



3457D2



9D30A9

Triad

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



3457D2



AC3E00



007A55

Complementary

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



3457D2



D2AF34

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.



00760D



3457D2



815C00

Square

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



3457D2



C50134



476D00



007B93

Rectangle

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



3457D2



BB0084



476D00



00793F

Sweetspot

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



3457D2



C4D1FF



34D2AD



5C6480



000000



808080

Same Dimension

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



3457D2



194CFF



5E34D2



5E6069



0025A8



000929

Inverse Universe

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



D23457



FF194C



A8D234



695E60



A80025



290009

Previews

White Background



This preview shows how the Hex color 3457D2 looks on a white background.

Color Contrast Check

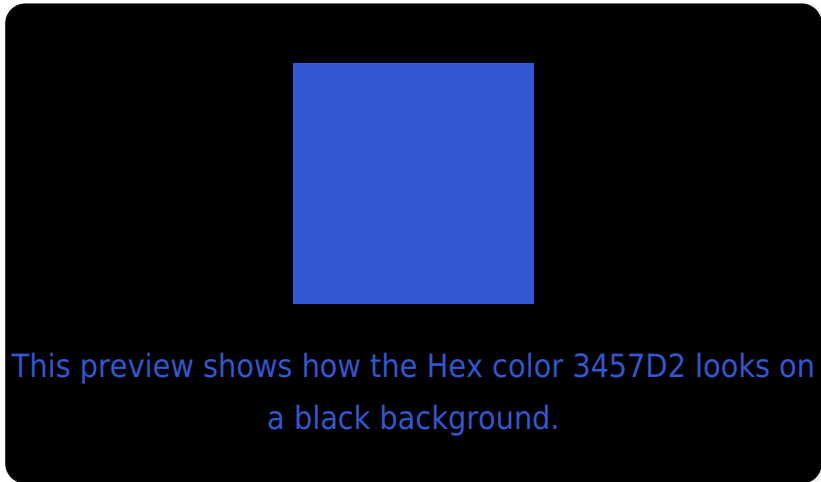
Large Text (above 18pt) WCAG AA ✓ Pass

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

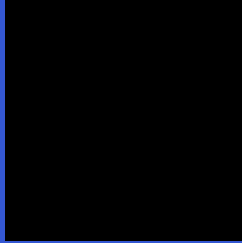
Any Text WCAG AA × Fail

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 3457D2 Background



This preview shows how black text looks on a background with the Hex color 3457D2.

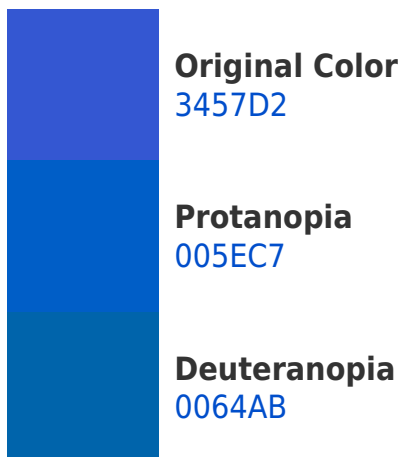


This preview shows how white text looks on a background with the Hex color 3457D2.

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](#).

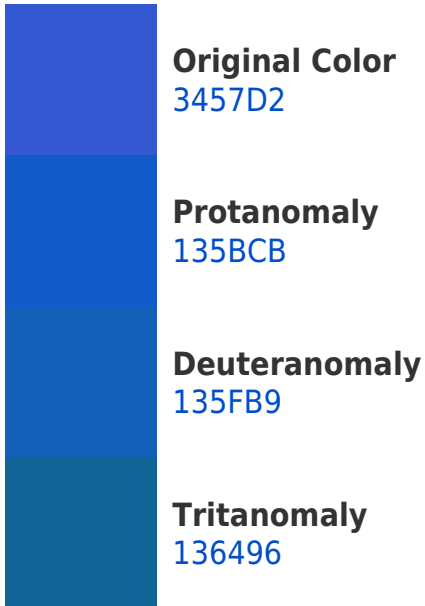
Dichromacy



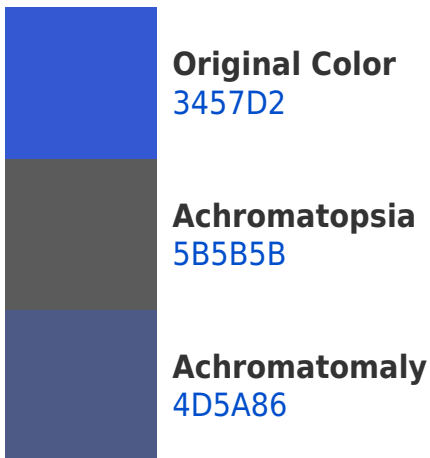


Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3457D2 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 #3457D2 looks like.

```
.text, #text, p{  
    color:#3457D2  
}
```

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 #3457D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3457D2
}
```

Border

The CSS property to change the border of an element to Hex 3457D2 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
#3457D2 }
```

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

```
.border{ border-color:#3457D2 }
```

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

Here you see how a box with a 4 pixel #3457D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3457D2; -webkit-box-shadow:4px 4px  
4px 4px #3457D2; box-shadow:4px 4px 4px  
4px #3457D2 }
```

Background

The CSS property to change the background color of an element to Hex 3457D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3457D2 }
```

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

```
.background{ background-color:#3457D2 }
```

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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