

Converting Colors

Hex(3C77D7)

Have a look what the booklet for
Hex(3C77D7) contains.

Hex(3C77D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C77D7)

Conversions

Conversions Part 1

Format	Color
Hex	3C77D7
RGB	60, 119, 215
RGB Percent	24%, 47%, 84%
CMY	0.7647, 0.5333, 0.1569
CMYK	0.72, 0.45, 0.00, 0.16
HSL	217°, 66%, 54%
HSV	217°, 72%, 84%
XYZ	20.7260, 19.0606, 66.8767
YIQ	112.3030, -65.9800, 17.3480

Conversions

Conversions Part 2

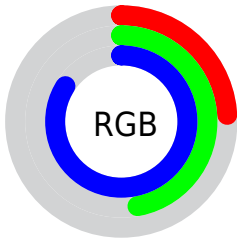
Format	Color
R _Y B	60, 103, 215
Decimal	3962839
CIE Lab	50.76, 13.20, -54.91
CIE LCh	51, 56.472, 283.519
Yxy	19.0606, 0.1943, 0.1787
Android (android.graphics.Color)	4282152919 (0xFF3C77D7)
YUV	112.3030, 50.6296, -45.8697
Hunter-Lab	43.6585, 8.3373, -60.2604

Details

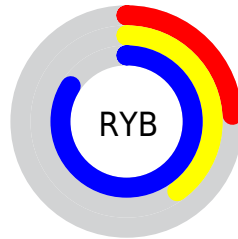
The Hex color **3C77D7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **D79C3C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7DABFF**, and **00489F** is the 20% darker color. If you saturate the color by 10%, you get **266AD7**, and if you desaturate by 10%, it is **5184D7**.

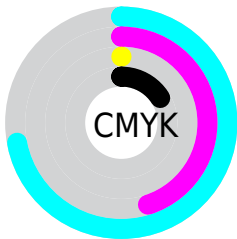
Distribution



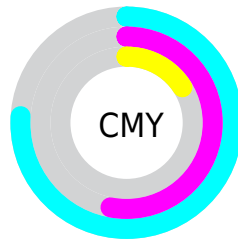
- Red (24%)
- Green (47%)
- Blue (84%)



- Red (24%)
- Yellow (40%)
- Blue (84%)



- Cyan (72%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C77D7 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 3C77D7 by changing the saturation by 10% instead.

■ 3C77D7

■ 3C77D7

FFFFFF

■ 015FBB

■ 7DABFF

■ 00489F

■ 9CC6FF

■ 003285

■ BAE2FF

■ 001E6B

■ D8FEFF

■ 000352

■ F6FFFF

■ 00053A

■ 000224

■ 00000B

■ 000000

■ 3C77D7

■ 3C77D7

■ 266AD7

■ 5184D7

■ 115CD7

■ 6792D7

■ 0052D7

■ 7C9FD7

■ 92ACD7

■ A8BAD7

■ BDC7D7

■ D3D4D7

■ E8E2D7

■ FEEFD7

Harmonies

Analogous

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



0086D5



3C77D7



9762BF

Triad

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



3C77D7



C45838



008E5C

Complementary

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



3C77D7



D79C3C

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.



45882D



3C77D7



A66D11

Square

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



3C77D7



CF4965



7C7D04



008F8E

Rectangle

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



3C77D7



B754A5



7C7D04



008C4C

Sweetspot

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



3C77D7



C7DCFF



3CD79C



5E6B80



000000



808080

Same Dimension

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



3C77D7



2176FF



4E3CD7



60646B



0041AB



00112B

Inverse Universe

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



D73C77



FF2176



C5D73C



6B6064



AB0041



2B0011

Previews

White Background



This preview shows how the Hex color 3C77D7 looks on a white background.

Color Contrast Check

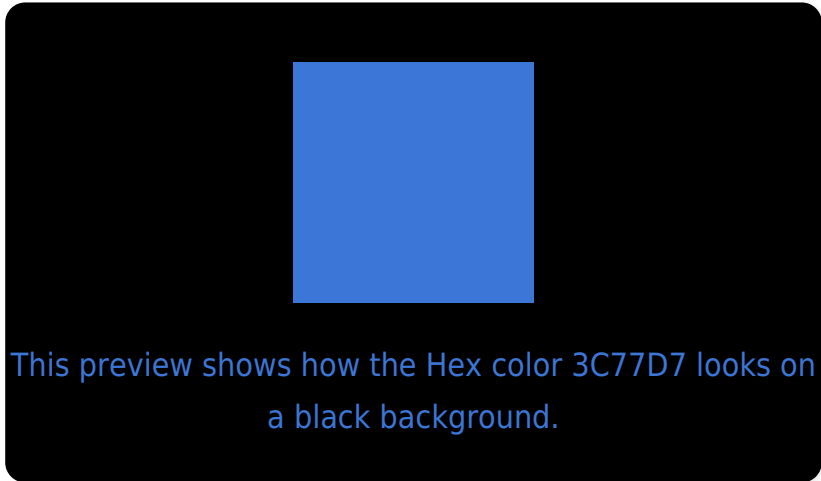
Large Text (above 18pt) WCAG AA ✓ Pass

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

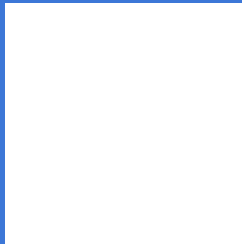
Any Text WCAG AAA × Fail

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

Hex 3C77D7 Background



This preview shows how black text looks on a background with the Hex color 3C77D7.

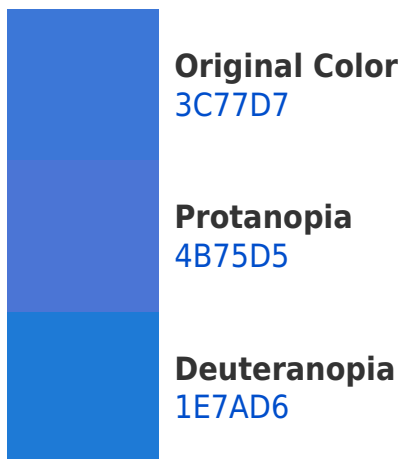


This preview shows how white text looks on a background with the Hex color 3C77D7.

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](#).

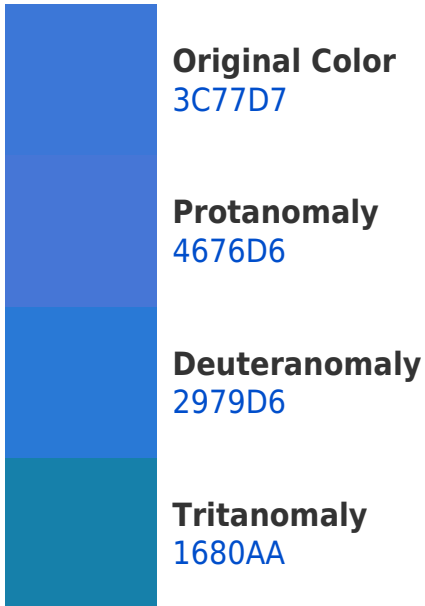
Dichromacy



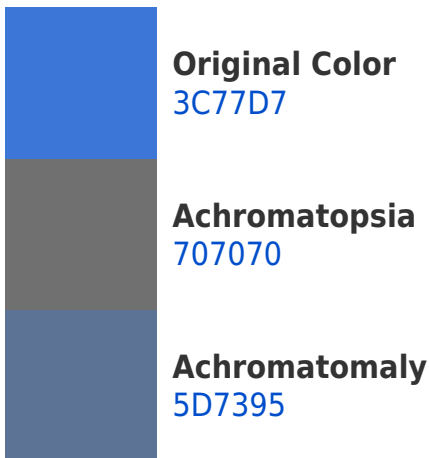


Tritanopia
008590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C77D7 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 #3C77D7 looks like.

```
.text, #text, p{  
    color:#3C77D7  
}
```

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 #3C77D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C77D7
}
```

Border

The CSS property to change the border of an element to Hex 3C77D7 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
#3C77D7 }
```

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

```
.border{ border-color:#3C77D7 }
```

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

Here you see how a box with a 4 pixel #3C77D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C77D7; -webkit-box-shadow:4px 4px  
4px 4px #3C77D7; box-shadow:4px 4px 4px  
4px #3C77D7 }
```

Background

The CSS property to change the background color of an element to Hex 3C77D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C77D7 }
```

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

```
.background{ background-color:#3C77D7 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor