

Converting Colors

Hex(3387D7)

Have a look what the booklet for
Hex(3387D7) contains.

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Color

Hex(3387D7)

Conversions

Conversions Part 1

Format	Color
Hex	3387D7
RGB	51, 135, 215
RGB Percent	20%, 53%, 84%
CMY	0.8000, 0.4706, 0.1569
CMYK	0.76, 0.37, 0.00, 0.16
HSL	209°, 67%, 52%
HSV	209°, 76%, 84%
XYZ	22.2950, 22.9380, 67.5424
YIQ	119.0040, -75.7440, 7.0720

Conversions

Conversions Part 2

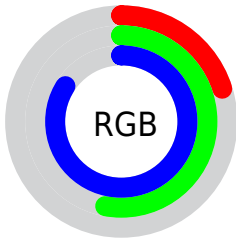
Format	Color
R_{YB}	51, 107, 215
Decimal	3377111
CIE _{Lab}	55.01, 2.29, -48.14
CIE _{LCh}	55, 48.196, 272.723
Yxy	22.9380, 0.1977, 0.2034
Android (android.graphics.Color)	4281567191 (0xFF3387D7)
YUV	119.0040, 47.3260, -59.6395
Hunter-Lab	47.8937, -0.7205, -50.0885

Details

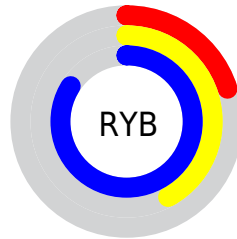
The Hex color **3387D7** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D78333**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **78BCFF**, and **0056A0** is the 20% darker color. If you saturate the color by 10%, you get **1E7DD7**, and if you desaturate by 10%, it is **4991D7**.

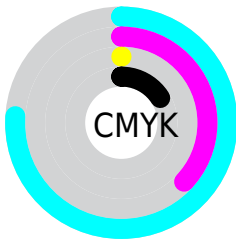
Distribution



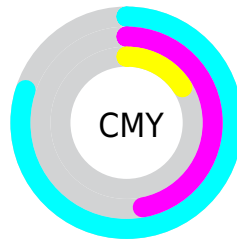
- Red (20%)
- Green (53%)
- Blue (84%)



- Red (20%)
- Yellow (42%)
- Blue (84%)



- Cyan (76%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3387D7 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 3387D7 by changing the saturation by 10% instead.

■ 3387D7

FFFFFF

■ 78BCFF

■ 96D7FF

■ B4F4FF

■ D3FFFF

■ F1FFFF

■ 3387D7

■ 006EBB

■ 0056A0

■ 003F85

■ 002A6B

■ 001653

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 3387D7

■ 3387D7

■ 1E7DD7

■ 4991D7

■ 0872D7

■ 5E9CD7

■ 006ED7

■ 74A6D7

■ 89B1D7

■ 9FBBD7

■ B4C6D7

■ CAD0D7

■ DFDBD7

■ F5E5D7

Harmonies

Analogous

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



0092CD



3387D7



8B77CA

Triad

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



3387D7



CD6459



2F955C

Complementary

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



3387D7



D78333

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.



6C8E39



3387D7



B97339

Square

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



3387D7



CF5E82



97832B



009886

Rectangle

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



3387D7



AD6CB7



97832B



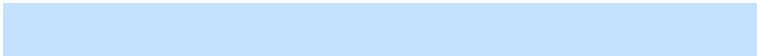
48934F

Sweetspot

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



3387D7



C4E2FF



33D782



5C6E80



000000



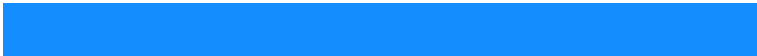
808080

Same Dimension

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



3387D7



148DFF



3336D7



60666B



0058AB



00162B

Inverse Universe

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



D73387



FF148D



D7D433



6B6066



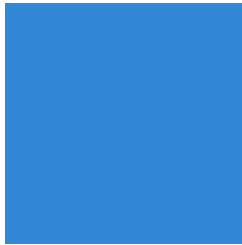
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 3387D7 looks on a white background.

Color Contrast Check

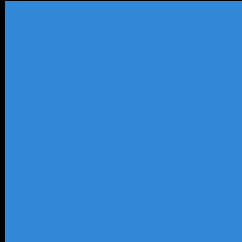
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3387D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

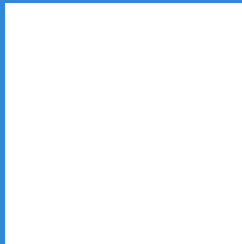
Any Text WCAG AAA × Fail

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

Hex 3387D7 Background



This preview shows how black text looks on a background with the Hex color 3387D7.

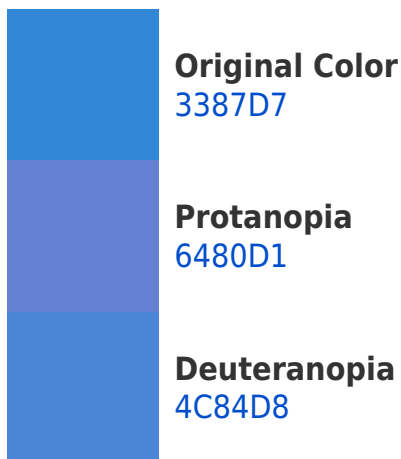


This preview shows how white text looks on a background with the Hex color 3387D7.

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](#).

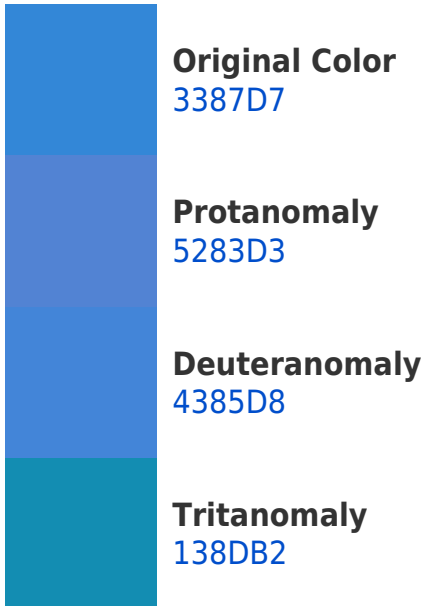
Dichromacy



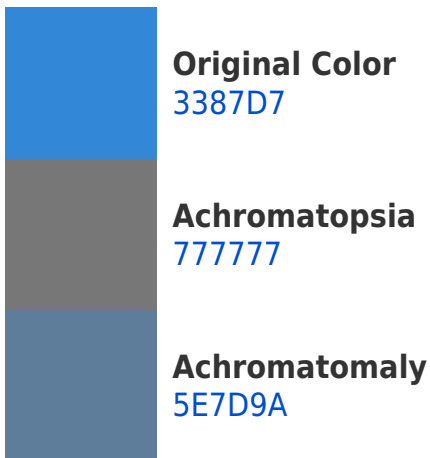


Tritanopia
00919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3387D7 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 #3387D7 looks like.

```
.text, #text, p{  
    color:#3387D7  
}
```

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 #3387D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3387D7
}
```

Border

The CSS property to change the border of an element to Hex 3387D7 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
#3387D7 }
```

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

```
.border{ border-color:#3387D7 }
```

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

Here you see how a box with a 4 pixel #3387D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3387D7; -webkit-box-shadow:4px 4px  
4px 4px #3387D7; box-shadow:4px 4px 4px  
4px #3387D7 }
```

Background

The CSS property to change the background color of an element to Hex 3387D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3387D7 }
```

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

```
.background{ background-color:#3387D7 }
```

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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