

Converting Colors

Hex(387CD2)

Have a look what the booklet for
Hex(387CD2) contains.

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Color

Hex(387CD2)

Conversions

Conversions Part 1

Format	Color
Hex	387CD2
RGB	56, 124, 210
RGB Percent	22%, 49%, 82%
CMY	0.7804, 0.5137, 0.1765
CMYK	0.73, 0.41, 0.00, 0.18
HSL	214°, 63%, 52%
HSV	214°, 73%, 82%
XYZ	20.4714, 19.9092, 63.7367
YIQ	113.4720, -68.1340, 12.3300

Conversions

Conversions Part 2

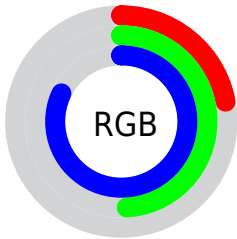
Format	Color
R_{YB}	56, 103, 210
Decimal	3701970
CIE Lab	51.73, 7.75, -50.52
CIE LCh	52, 51.112, 278.727
Yxy	19.9092, 0.1966, 0.1912
Android (android.graphics.Color)	4281892050 (0xFF387CD2)
YUV	113.4720, 47.5883, -50.4029
Hunter-Lab	44.6197, 3.8107, -53.4585

Details

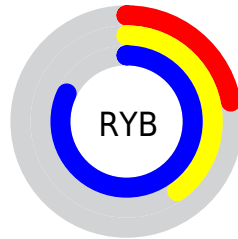
The Hex color **387CD2** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **D28E38**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7AB0FF**, and **004C9B** is the 20% darker color. If you saturate the color by 10%, you get **2370D2**, and if you desaturate by 10%, it is **4D88D2**.

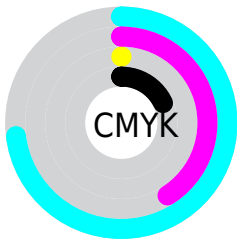
Distribution



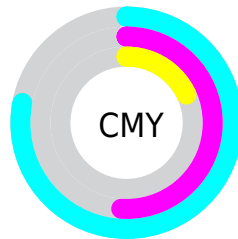
- Red (22%)
- Green (49%)
- Blue (82%)



- Red (22%)
- Yellow (40%)
- Blue (82%)



- Cyan (73%)
- Magenta (41%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 387CD2 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 387CD2 by changing the saturation by 10% instead.

 387CD2

 387CD2

FFFFFF

 0063B6

 7AB0FF

 004C9B

 98CBFF

 003680

 B6E7FF

 002267

 D4FFFF

 000A4E

 F2FFFF

 000536

 000220

 000004

 000000

■ 387CD2

■ 387CD2

■ 2370D2

■ 4D88D2

■ 0E65D2

■ 6293D2

■ 005DD2

■ 779FD2

■ 8CABD2

■ A1B7D2

■ B6C2D2

■ CBCED2

■ E0DAD2

■ F5E6D2

Harmonies

Analogous

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



0088CD



387CD2



8E6AC0

Triad

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



387CD2



C45C47



008E5A

Complementary

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



387CD2



D28E38

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.



578832



387CD2



AB6E26

Square

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



387CD2



CB5270



867D1B



009087

Rectangle

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



387CD2



AE5EA9



867D1B



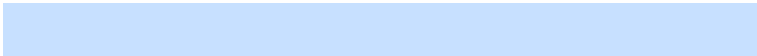
288D4C

Sweetspot

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



387CD2



C7E0FF



38D28D



5E6D80



000000



808080

Same Dimension

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



387CD2



1F82FF



4038D2



5E6369



004AA8



001229

Inverse Universe

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



D2387C



FF1F82



CAD238



695E63



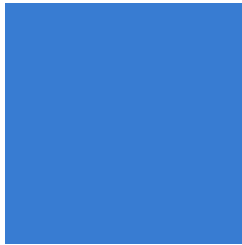
A8004A



290012

Previews

White Background



This preview shows how the Hex color 387CD2 looks on a white background.

Color Contrast Check

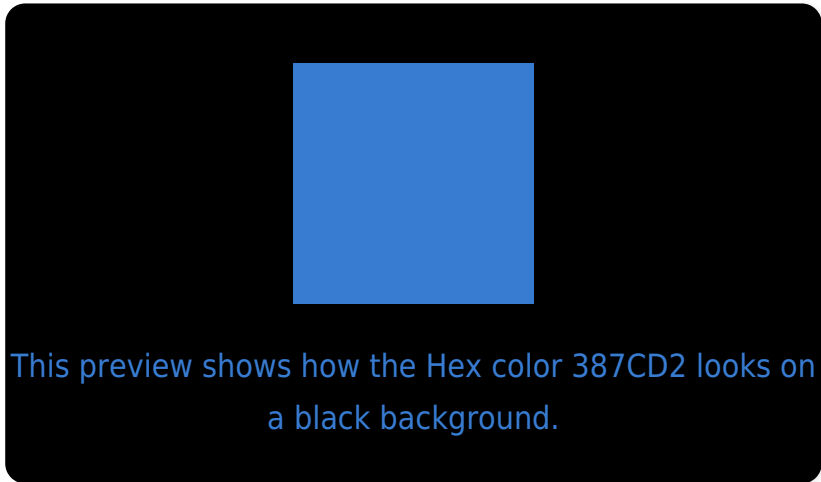
Large Text (above 18pt) WCAG AA ✓ Pass

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

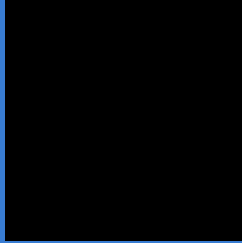
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

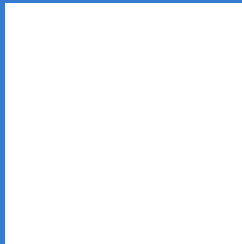
Any Text WCAG AAA × Fail

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

Hex 387CD2 Background



This preview shows how black text looks on a background with the Hex color 387CD2.

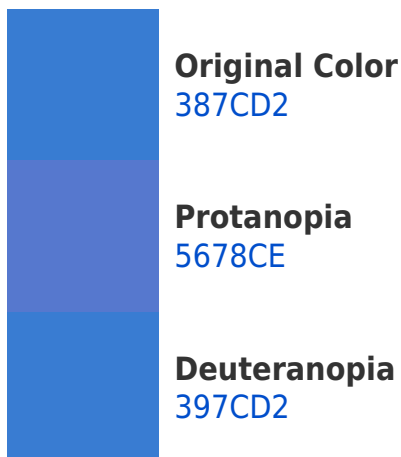


This preview shows how white text looks on a background with the Hex color 387CD2.

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](#).

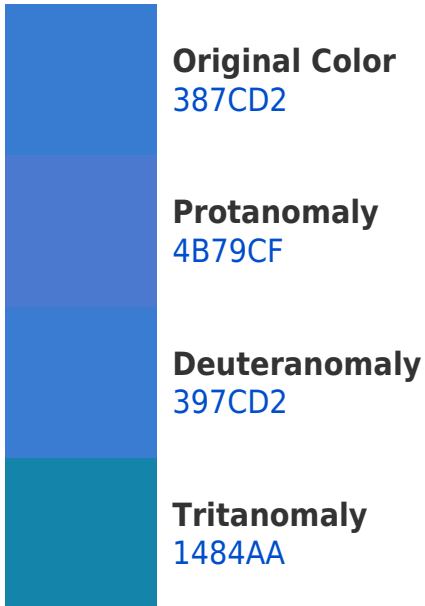
Dichromacy



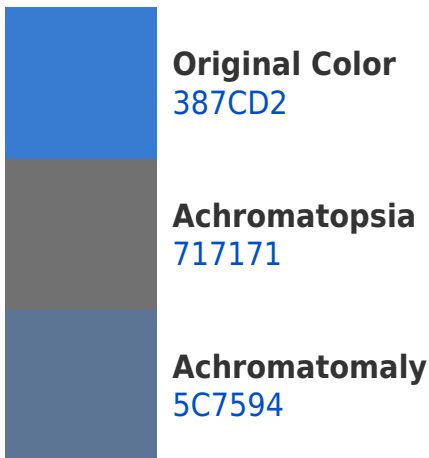


Tritanopia
008893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 387CD2 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 #387CD2 looks like.

```
.text, #text, p{  
    color:#387CD2  
}
```

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 #387CD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387CD2
}
```

Border

The CSS property to change the border of an element to Hex 387CD2 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
#387CD2 }
```

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

```
.border{ border-color:#387CD2 }
```

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

Here you see how a box with a 4 pixel #387CD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387CD2; -webkit-box-shadow:4px 4px  
4px 4px #387CD2; box-shadow:4px 4px 4px  
4px #387CD2 }
```

Background

The CSS property to change the background color of an element to Hex 387CD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387CD2 }
```

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

```
.background{ background-color:#387CD2 }
```

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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