

Converting Colors

Hex(3387C2)

Have a look what the booklet for
Hex(3387C2) contains.

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Color

Hex(3387C2)

Conversions

Conversions Part 1

Format	Color
Hex	3387C2
RGB	51, 135, 194
RGB Percent	20%, 53%, 76%
CMY	0.8000, 0.4706, 0.2392
CMYK	0.74, 0.30, 0.00, 0.24
HSL	205°, 58%, 48%
HSV	205°, 74%, 76%
XYZ	19.7668, 21.9268, 54.2294
YIQ	116.6100, -69.0030, 0.5410

Conversions

Conversions Part 2

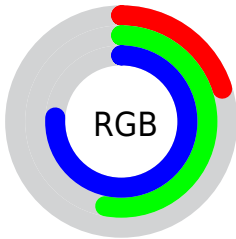
Format	Color
R_{YB}	51, 104, 194
Decimal	3377090
CIE _{Lab}	53.95, -5.27, -37.93
CIE _{LCh}	54, 38.296, 262.089
Yxy	21.9268, 0.2061, 0.2286
Android (android.graphics.Color)	4281567170 (0xFF3387C2)
YUV	116.6100, 38.1533, -57.5400
Hunter-Lab	46.8261, -6.5949, -35.8857

Details

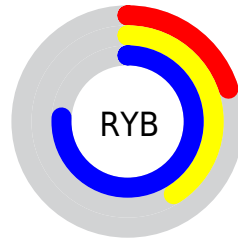
The Hex color **3387C2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C26E33**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74BCFB**, and **00568C** is the 20% darker color. If you saturate the color by 10%, you get **207FC2**, and if you desaturate by 10%, it is **468FC2**.

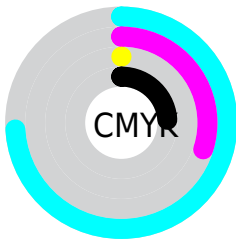
Distribution



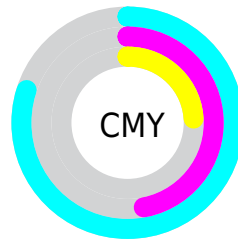
- Red (20%)
- Green (53%)
- Blue (76%)



- Red (20%)
- Yellow (41%)
- Blue (76%)



- Cyan (74%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (80%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3387C2 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 3387C2 by changing the saturation by 10% instead.

■ 3387C2

■ 3387C2

FFFFFF

■ 006EA7

■ 74BCFB

■ 00568C

■ 91D8FF

■ 003F72

■ AFF4FF

■ 002959

■ CDFFFF

■ 001542

■ EBFFFF

■ 00032B

■ 000115

■ 000000

■ 3387C2

■ 3387C2

■ 207FC2

■ 468FC2

■ 0C77C2

■ 5A97C2

■ 0072C2

■ 6D9FC2

■ 81A7C2

■ 94AFC2

■ A7B7C2

■ BBBFC2

■ CEC7C2

■ E2CFC2

Harmonies

Analogous

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



008EB4



3387C2



767CBE

Triad

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



3387C2



C0676A



568E57

Complementary

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



3387C2



C26E33

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.



7D8742



3387C2



B4704E

Square

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



3387C2



BA678B



9D7C3E



1A9177

Rectangle

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



3387C2



9573B2



9D7C3E



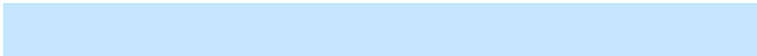
648C4E

Sweetspot

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



3387C2



C5E6FC



33C26C



5E7280



000000



808080

Same Dimension

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



3387C2



1EA1FC



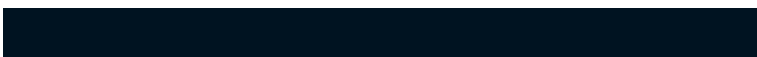
3341C2



575D61



005EA1



001321

Inverse Universe

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



C23387



FC1EA1



C2B433



61575D



A1005E



210013

Previews

White Background



This preview shows how the Hex color 3387C2 looks on a white background.

Color Contrast Check

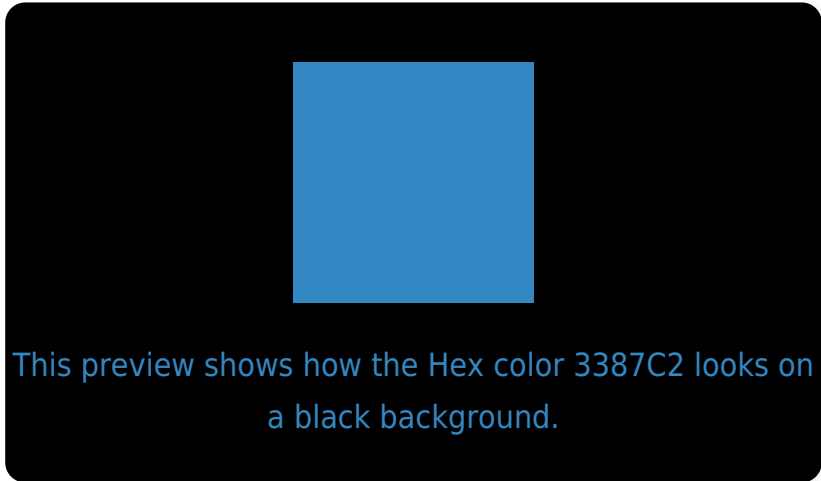
Large Text (above 18pt) WCAG AA ✓ Pass

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

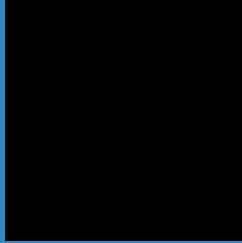
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

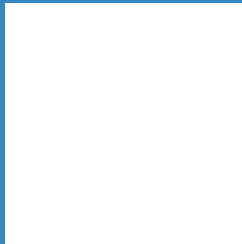
Any Text WCAG AAA × Fail

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

Hex 3387C2 Background



This preview shows how black text looks on a background with the Hex color 3387C2.

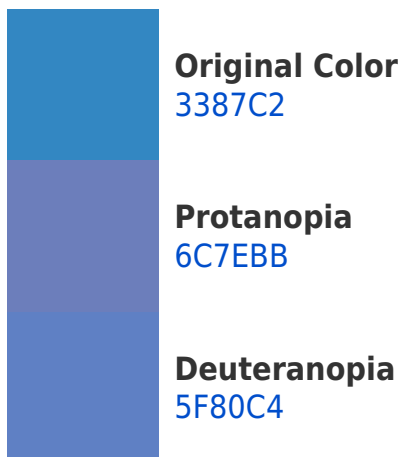


This preview shows how white text looks on a background with the Hex color 3387C2.

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](#).

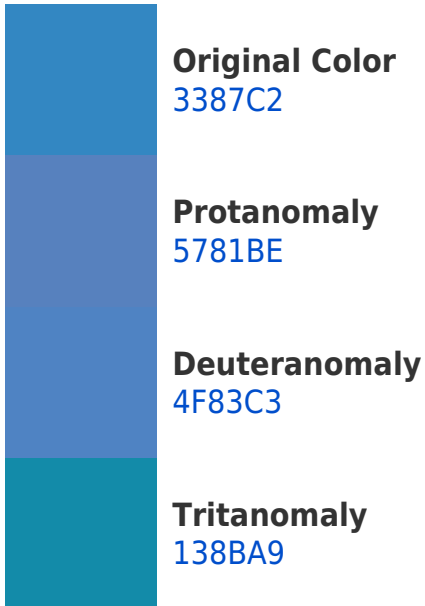
Dichromacy



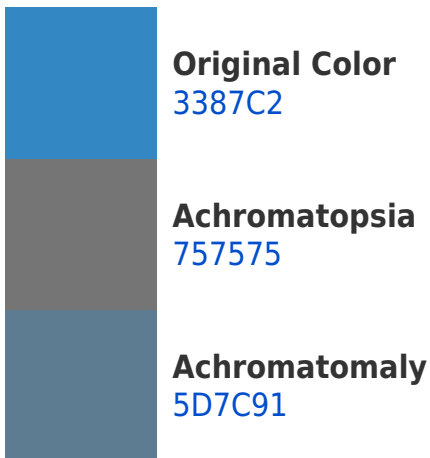


Tritanopia
008E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3387C2 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 #3387C2 looks like.

```
.text, #text, p{  
    color:#3387C2  
}
```

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 #3387C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3387C2
}
```

Border

The CSS property to change the border of an element to Hex 3387C2 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
#3387C2 }
```

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

```
.border{ border-color:#3387C2 }
```

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

Here you see how a box with a 4 pixel #3387C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3387C2; -webkit-box-shadow:4px 4px  
4px 4px #3387C2; box-shadow:4px 4px 4px  
4px #3387C2 }
```

Background

The CSS property to change the background color of an element to Hex 3387C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3387C2 }
```

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

```
.background{ background-color:#3387C2 }
```

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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