

Converting Colors

Hex(3188CE)

Have a look what the booklet for
Hex(3188CE) contains.

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Color

Hex(3188CE)

Conversions

Conversions Part 1

Format	Color
Hex	3188CE
RGB	49, 136, 206
RGB Percent	19%, 53%, 81%
CMY	0.8078, 0.4667, 0.1922
CMYK	0.76, 0.34, 0.00, 0.19
HSL	207°, 62%, 50%
HSV	207°, 76%, 81%
XYZ	21.2114, 22.7175, 61.6595
YIQ	117.9670, -74.3220, 3.3260

Conversions

Conversions Part 2

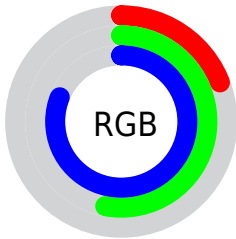
Format	Color
R _Y B	49, 105, 206
Decimal	3246286
CIE Lab	54.78, -1.80, -43.43
CIE LCh	55, 43.469, 267.620
Yxy	22.7175, 0.2009, 0.2152
Android (android.graphics.Color)	4281436366 (0xFF3188CE)
YUV	117.9670, 43.4003, -60.4841
Hunter-Lab	47.6629, -3.9724, -43.3369

Details

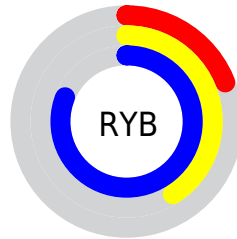
The Hex color **3188CE** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CE7731**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **75BDFF**, and **005797** is the 20% darker color. If you saturate the color by 10%, you get **1C7FCE**, and if you desaturate by 10%, it is **4691CE**.

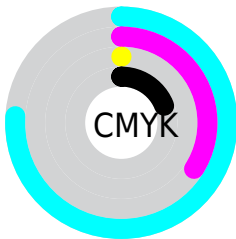
Distribution



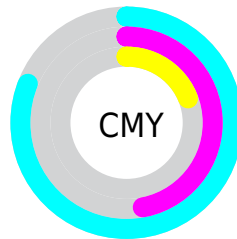
- Red (19%)
- Green (53%)
- Blue (81%)



- Red (19%)
- Yellow (41%)
- Blue (81%)



- Cyan (76%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (81%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3188CE 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 3188CE by changing the saturation by 10% instead.

■ 3188CE

■ 3188CE

FFFFFF

■ 006FB2

■ 75BDFF

■ 005797

■ 93D9FF

■ 00407D

■ B1F5FF

■ 002A64

■ CFFFFF

■ 00164B

■ EDFFFF

■ 000434

■ 00021E

■ 000000

■ 3188CE

■ 3188CE

■ 1C7FCE

■ 4691CE

■ 0876CE

■ 5A9ACE

■ 0072CE

■ 6FA4CE

■ 83ADCE

■ 98B6CE

■ ADBFCE

■ C1C8CE

■ D6D1CE

■ EADBCE

Harmonies

Analogous

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



0091C2



3188CE



817AC6

Triad

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



3188CE



C86662



469259

Complementary

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



3188CE



CE7731

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.



768B3D



3188CE



B87244

Square

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



3188CE



C66388



9B8035



00967F

Rectangle

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



3188CE



A270B6



9B8035



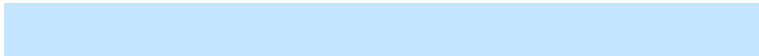
58904E

Sweetspot

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



3188CE



C4E5FF



31CE75



5C7080



000000



808080

Same Dimension

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



3188CE



1798FF



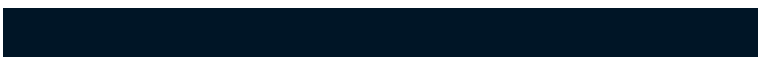
313BCE



5C6166



005CA6



001526

Inverse Universe

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



CE3188



FF1798



CEC431



665C61



A6005C



260015

Previews

White Background



This preview shows how the Hex color 3188CE looks on a white background.

Color Contrast Check

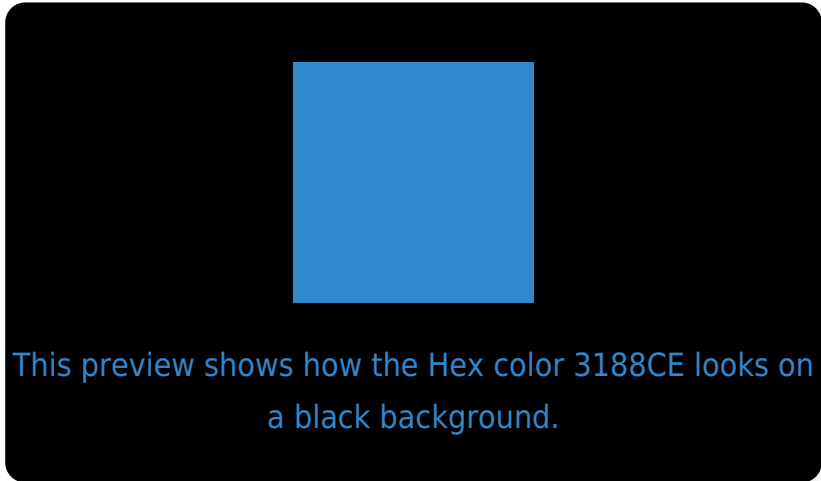
Large Text (above 18pt) WCAG AA ✓ Pass

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

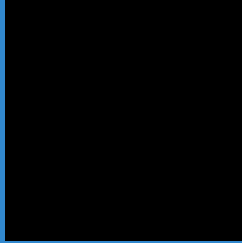
Any Text WCAG AA ✓ Pass

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 3188CE Background



This preview shows how black text looks on a background with the Hex color 3188CE.

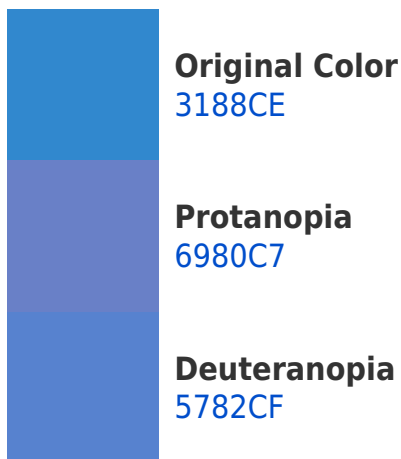


This preview shows how white text looks on a background with the Hex color 3188CE.

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](#).

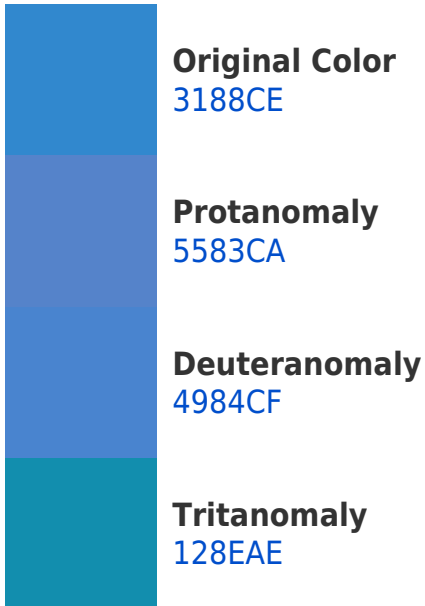
Dichromacy



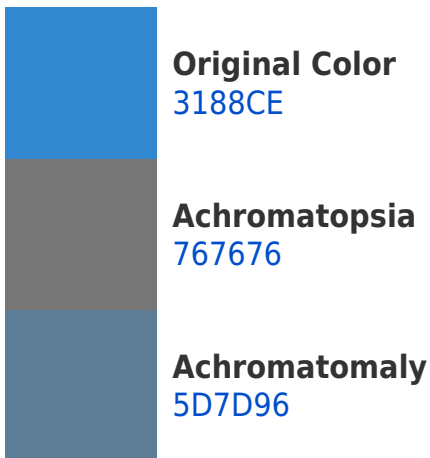


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3188CE 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 #3188CE looks like.

```
.text, #text, p{  
    color:#3188CE  
}
```

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 #3188CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3188CE
}
```

Border

The CSS property to change the border of an element to Hex 3188CE 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
#3188CE }
```

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

```
.border{ border-color:#3188CE }
```

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

Here you see how a box with a 4 pixel #3188CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3188CE; -webkit-box-shadow:4px 4px  
4px 4px #3188CE; box-shadow:4px 4px 4px  
4px #3188CE }
```

Background

The CSS property to change the background color of an element to Hex 3188CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3188CE }
```

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

```
.background{ background-color:#3188CE }
```

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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