

Converting Colors

Hex(3288CC)

Have a look what the booklet for
Hex(3288CC) contains.

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Color

Hex(3288CC)

Conversions

Conversions Part 1

Format	Color
Hex	3288CC
RGB	50, 136, 204
RGB Percent	20%, 53%, 80%
CMY	0.8039, 0.4667, 0.2000
CMYK	0.75, 0.33, 0.00, 0.20
HSL	206°, 61%, 50%
HSV	206°, 75%, 80%
XYZ	21.0186, 22.6461, 60.3901
YIQ	118.0380, -73.0840, 2.9160

Conversions

Conversions Part 2

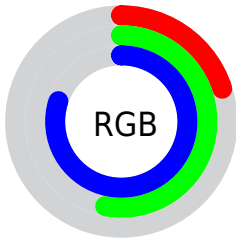
Format	Color
R_{YB}	50, 105, 204
Decimal	3311820
CIE _{Lab}	54.71, -2.41, -42.42
CIE _{LCh}	55, 42.485, 266.753
Yxy	22.6461, 0.2020, 0.2176
Android (android.graphics.Color)	4281501900 (0xFF3288CC)
YUV	118.0380, 42.3793, -59.6693
Hunter-Lab	47.5879, -4.4388, -41.9288

Details

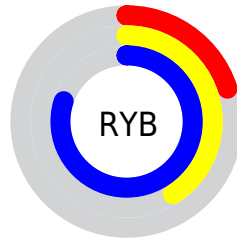
The Hex color **3288CC** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CC7632**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **75BDFF**, and **005795** is the 20% darker color. If you saturate the color by 10%, you get **1E7FCC**, and if you desaturate by 10%, it is **4691CC**.

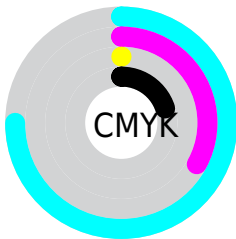
Distribution



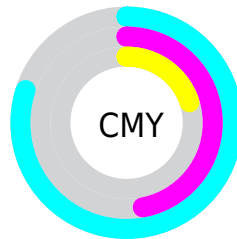
- Red (20%)
- Green (53%)
- Blue (80%)



- Red (20%)
- Yellow (41%)
- Blue (80%)



- Cyan (75%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3288CC 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 3288CC by changing the saturation by 10% instead.

 3288CC

 3288CC

FFFFFF

 006FB0

 75BDFF

 005795

 93D9FF

 00407B

 B1F5FF

 002A62

 CFFFFFF

 00164A

 EDFFFF

 000432

 00021D

 000000

 3288CC

 3288CC

■ 1E7FCC

■ 4691CC

■ 0976CC

■ 5B9ACC

■ 0072CC

■ 6FA3CC

■ 84ACCC

■ 98B5CC

■ ACBECC

■ C1C7CC

■ D5D0CC

■ EAD9CC

Harmonies

Analogous

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



0091C0



3288CC



7F7BC5

Triad

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



3288CC



C76764



4A9259

Complementary

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



3288CC



CC7632

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.



778B3E



3288CC



B87246

Square

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



3288CC



C46488



9C8037



00957E

Rectangle

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



3288CC



A071B6



9C8037



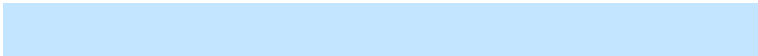
5B904F

Sweetspot

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



3288CC



C4E5FF



32CC75



5C7080



000000



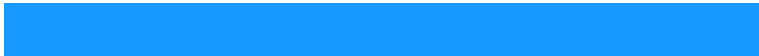
808080

Same Dimension

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



3288CC



1799FF



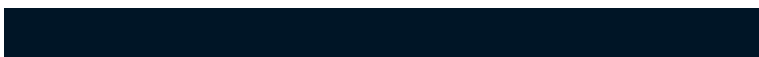
323CCC



5C6166



005DA6



001526

Inverse Universe

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



CC3288



FF1799



CCC232



665C61



A6005D



260015

Previews

White Background



This preview shows how the Hex color 3288CC looks on a white background.

Color Contrast Check

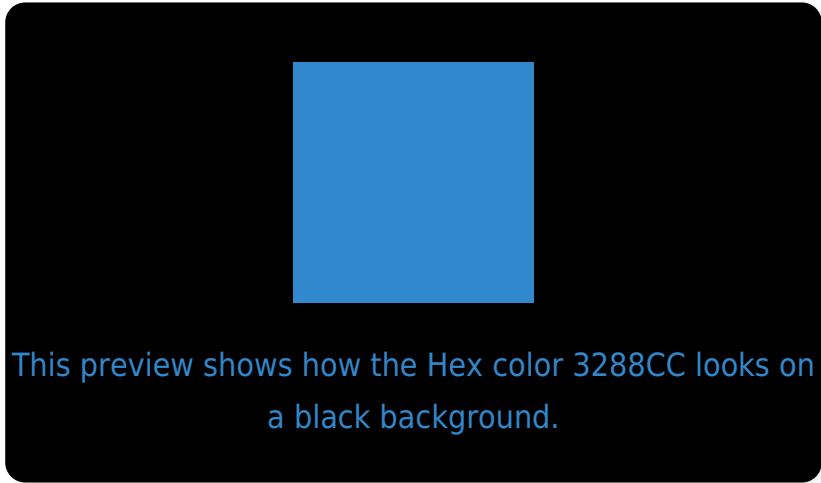
Large Text (above 18pt) WCAG AA ✓ Pass

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

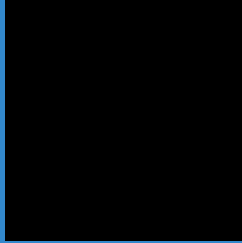
Any Text WCAG AA ✓ Pass

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 3288CC Background



This preview shows how black text looks on a background with the Hex color 3288CC.

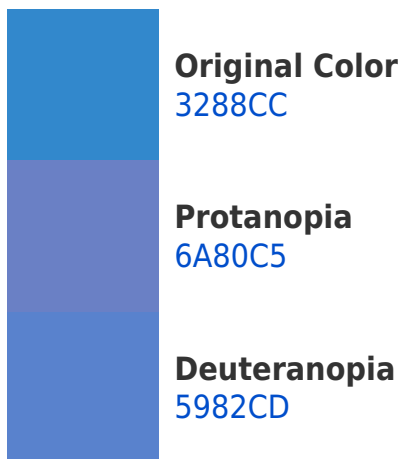


This preview shows how white text looks on a background with the Hex color 3288CC.

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](#).

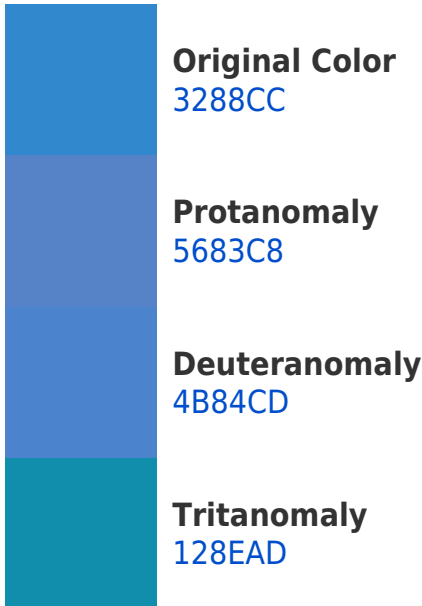
Dichromacy



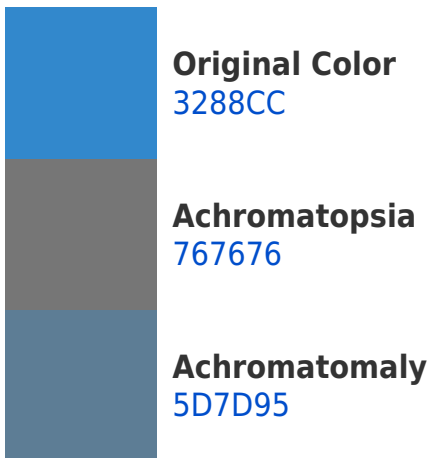


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3288CC 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 #3288CC looks like.

```
.text, #text, p{  
    color:#3288CC  
}
```

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 #3288CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3288CC
}
```

Border

The CSS property to change the border of an element to Hex 3288CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

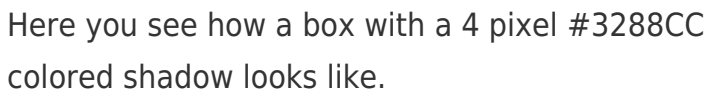
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3288CC }
```

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

```
.border{ border-color:#3288CC }
```

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



Here you see how a box with a 4 pixel #3288CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3288CC; -webkit-box-shadow:4px 4px  
4px 4px #3288CC; box-shadow:4px 4px 4px  
4px #3288CC }
```

Background

The CSS property to change the background color of an element to Hex 3288CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3288CC }
```

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

```
.background{ background-color:#3288CC }
```

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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