

Converting Colors

Hex(3080DF)

Have a look what the booklet for
Hex(3080DF) contains.

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Color

Hex(3080DF)

Conversions

Conversions Part 1

Format	Color
Hex	3080DF
RGB	48, 128, 223
RGB Percent	19%, 50%, 87%
CMY	0.8118, 0.4980, 0.1255
CMYK	0.78, 0.43, 0.00, 0.13
HSL	213°, 73%, 53%
HSV	213°, 78%, 87%
XYZ	22.2574, 21.3944, 72.7685
YIQ	114.9100, -78.1750, 12.5850

Conversions

Conversions Part 2

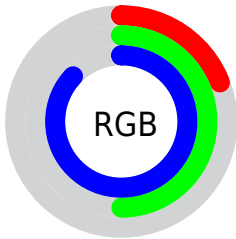
Format	Color
R _Y B	48, 103, 223
Decimal	3178719
CIE Lab	53.38, 9.14, -55.24
CIE LCh	53, 55.994, 279.397
Yxy	21.3944, 0.1912, 0.1838
Android (android.graphics.Color)	4281368799 (0xFF3080DF)
YUV	114.9100, 53.2884, -58.6801
Hunter-Lab	46.2541, 4.9491, -60.8991

Details

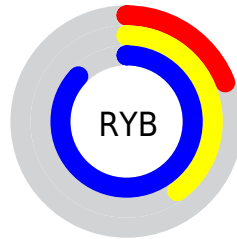
The Hex color **3080DF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **DF8F30**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **77B4FF**, and **0050A7** is the 20% darker color. If you saturate the color by 10%, you get **1A74DF**, and if you desaturate by 10%, it is **468CDF**.

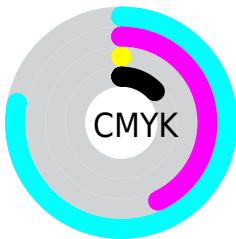
Distribution



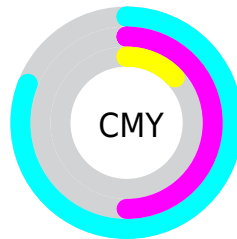
- Red (19%)
- Green (50%)
- Blue (87%)



- Red (19%)
- Yellow (40%)
- Blue (87%)



- Cyan (78%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (81%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3080DF 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 3080DF by changing the saturation by 10% instead.

 3080DF

 3080DF

FFFFFF

 0067C3

 77B4FF

 0050A7

 97D0FF

 003A8C

 B5ECFF

 002572

 D4FFFF

 001059

 F2FFFF

 000741

 00032A

 000114

 000000

 3080DF

 3080DF

 1A74DF

 468CDF

 0368DF

 5D98DF

 0066DF

 73A4DF

 89B0DF

 A0BDDF

 B6C9DF

 CCD5DF

 E2E1DF

 F9EDDF

Harmonies

Analogous

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



008EDA



3080DF



956CCB

Triad

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



3080DF



CE5D45



00945C

Complementary

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



3080DF



DF8F30

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.



558E2F



3080DF



B3711F

Square

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



3080DF



D65172



8A8210



00968E

Rectangle

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



3080DF



B95EB1



8A8210



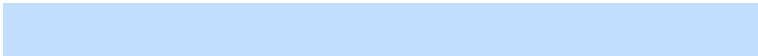
17924C

Sweetspot

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



3080DF



C2DEFF



30DF8D



5B6B80



000000



808080

Same Dimension

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



3080DF



0F7DFF



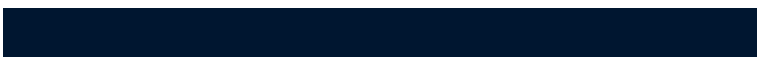
3630DF



656A70



0050B0



001630

Inverse Universe

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



DF3080



FF0F7D



D9DF30



70656A



B00050



300016

Previews

White Background



This preview shows how the Hex color 3080DF looks on a white background.

Color Contrast Check

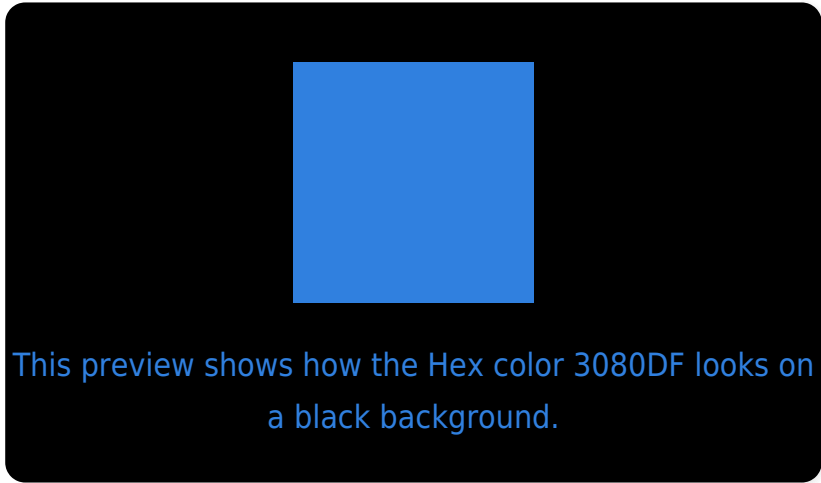
Large Text (above 18pt) WCAG AA ✓ Pass

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

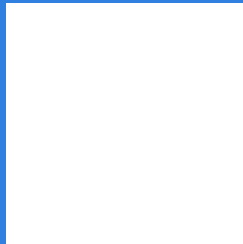
Any Text WCAG AAA × Fail

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

Hex 3080DF Background



This preview shows how black text looks on a background with the Hex color 3080DF.

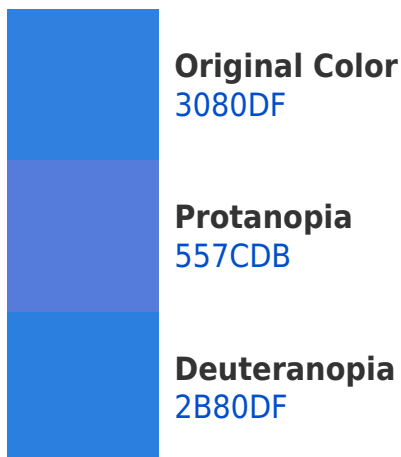


This preview shows how white text looks on a background with the Hex color 3080DF.

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](#).

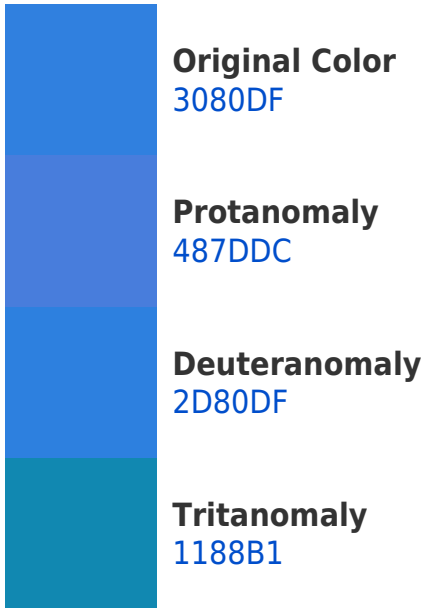
Dichromacy



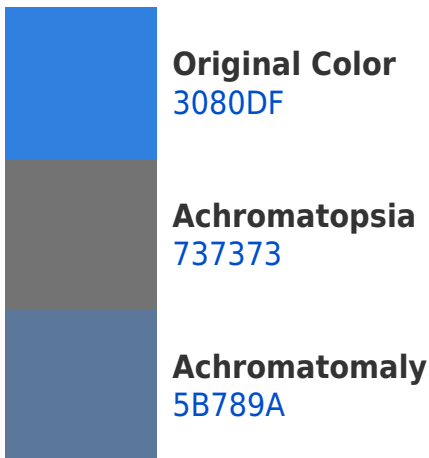


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3080DF 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 #3080DF looks like.

```
.text, #text, p{  
    color:#3080DF  
}
```

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 #3080DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3080DF
}
```

Border

The CSS property to change the border of an element to Hex 3080DF 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
#3080DF }
```

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

```
.border{ border-color:#3080DF }
```

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

Here you see how a box with a 4 pixel #3080DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3080DF; -webkit-box-shadow:4px 4px  
4px 4px #3080DF; box-shadow:4px 4px 4px  
4px #3080DF }
```

Background

The CSS property to change the background color of an element to Hex 3080DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3080DF }
```

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

```
.background{ background-color:#3080DF }
```

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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