

Converting Colors

Hex(2983F0)

Have a look what the booklet for
Hex(2983F0) contains.

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Color

Hex(2983F0)

Conversions

Conversions Part 1

Format	Color
Hex	2983F0
RGB	41, 131, 240
RGB Percent	16%, 51%, 94%
CMY	0.8392, 0.4863, 0.0588
CMYK	0.83, 0.45, 0.00, 0.06
HSL	213°, 87%, 55%
HSV	213°, 83%, 94%
XYZ	24.7589, 22.9953, 85.5717
YIQ	116.5160, -88.6290, 14.8190

Conversions

Conversions Part 2

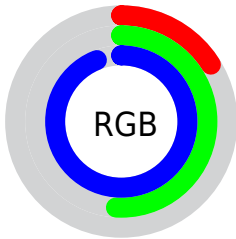
Format	Color
R _Y B	41, 103, 240
Decimal	2720752
CIE Lab	55.07, 13.00, -62.04
CIE LCh	55, 63.384, 281.836
Yxy	22.9953, 0.1857, 0.1725
Android (android.graphics.Color)	4280910832 (0xFF2983F0)
YUV	116.5160, 60.8776, -66.2275
Hunter-Lab	47.9534, 8.2433, -72.2342

Details

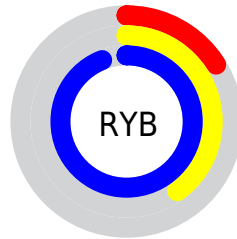
The Hex color **2983F0** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F09629**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **78B7FF**, and **0053B7** is the 20% darker color. If you saturate the color by 10%, you get **1176F0**, and if you desaturate by 10%, it is **4190F0**.

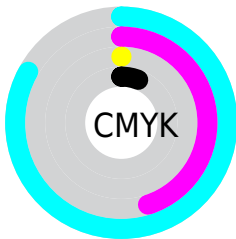
Distribution



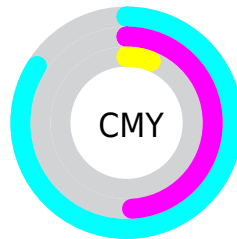
- Red (16%)
- Green (51%)
- Blue (94%)



- Red (16%)
- Yellow (40%)
- Blue (94%)



- Cyan (83%)
- Magenta (45%)
- Yellow (0%)
- Black (6%)



- Cyan (84%)
- Magenta (49%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2983F0 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 2983F0 by changing the saturation by 10% instead.

 2983F0

 2983F0

FFFFFF

 006AD3

 78B7FF

 0053B7

 98D3FF

 003D9C

 B7EFFF

 002881

 D6FFFF

 001567

 F6FFFF

 000A4E

 000536

 000220

 000004

■ 2983F0

■ 2983F0

■ 1176F0

■ 4190F0

■ 006DF0

■ 599DF0

■ 71AAF0

■ 89B8F0

■ A1C5F0

■ B9D2F0

■ D1DFF0

■ E9ECF0

■ FFF9F0

Harmonies

Analogous

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



0093EC



2983F0



A16BD6

Triad

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



2983F0



DA5D3D



009B5F

Complementary

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



2983F0



F09629

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.



4B9429



2983F0



B97508

Square

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



2983F0



E64B70



8A8800



009D99

Rectangle

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



2983F0



C85AB9



8A8800



00994D

Sweetspot

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



2983F0



BFDCFF



29F093



596B80



000000



808080

Same Dimension

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



2983F0



0073FF



3029F0



6C7178



0053B8



001938

Inverse Universe

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



F02983



FF0073



E9F029



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color 2983F0 looks on a white background.

Color Contrast Check

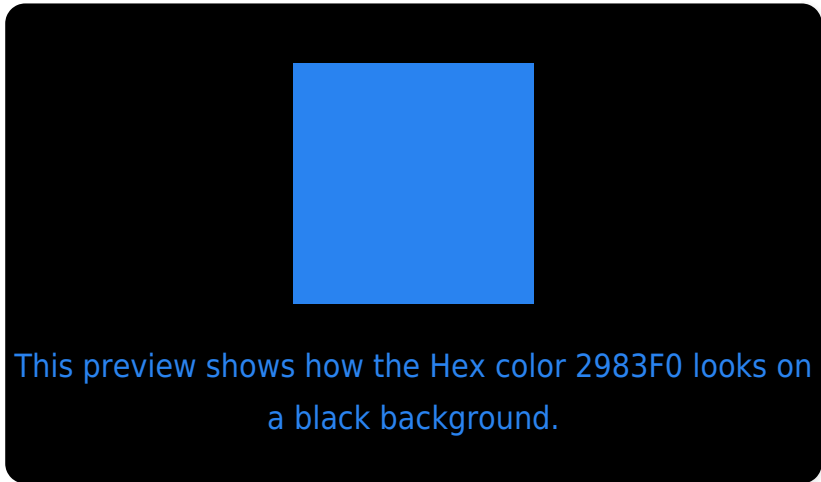
Large Text (above 18pt) WCAG AA ✓ Pass

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

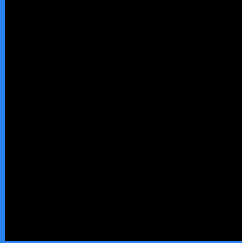
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

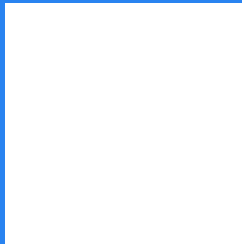
Any Text WCAG AAA × Fail

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

Hex 2983F0 Background



This preview shows how black text looks on a background with the Hex color 2983F0.



This preview shows how white text looks on a background with the Hex color 2983F0.

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](#).

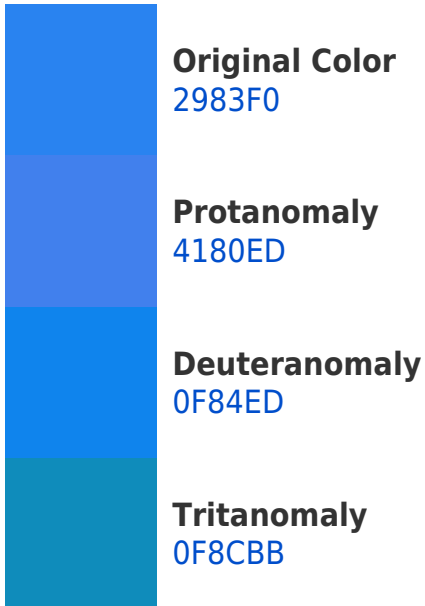
Dichromacy



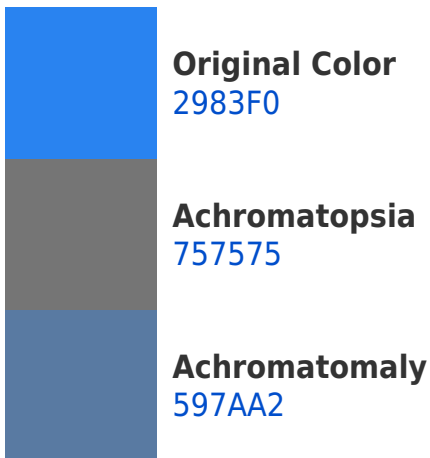


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2983F0 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 #2983F0 looks like.

```
.text, #text, p{  
    color:#2983F0  
}
```

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 #2983F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2983F0
}
```

Border

The CSS property to change the border of an element to Hex 2983F0 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
#2983F0 }
```

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

```
.border{ border-color:#2983F0 }
```

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

Here you see how a box with a 4 pixel #2983F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2983F0; -webkit-box-shadow:4px 4px  
4px 4px #2983F0; box-shadow:4px 4px 4px  
4px #2983F0 }
```

Background

The CSS property to change the background color of an element to Hex 2983F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2983F0 }
```

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

```
.background{ background-color:#2983F0 }
```

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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