

Converting Colors

Hex(2982F0)

Have a look what the booklet for
Hex(2982F0) contains.

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Color

Hex(2982F0)

Conversions

Conversions Part 1

Format	Color
Hex	2982F0
RGB	41, 130, 240
RGB Percent	16%, 51%, 94%
CMY	0.8392, 0.4902, 0.0588
CMYK	0.83, 0.46, 0.00, 0.06
HSL	213°, 87%, 55%
HSV	213°, 83%, 94%
XYZ	24.6253, 22.7280, 85.5271
YIQ	115.9290, -88.3540, 15.3420

Conversions

Conversions Part 2

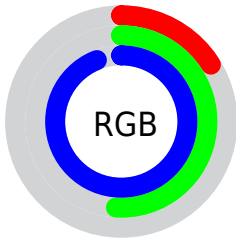
Format	Color
R _Y B	41, 102, 240
Decimal	2720496
CIE Lab	54.79, 13.62, -62.48
CIE LCh	55, 63.948, 282.294
Yxy	22.7280, 0.1853, 0.1710
Android (android.graphics.Color)	4280910576 (0xFF2982F0)
YUV	115.9290, 61.1670, -65.7127
Hunter-Lab	47.6738, 8.7725, -72.9949

Details

The Hex color **2982F0** 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 **F09729**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **78B6FF**, and **0052B7** is the 20% darker color. If you saturate the color by 10%, you get **1175F0**, and if you desaturate by 10%, it is **418FF0**.

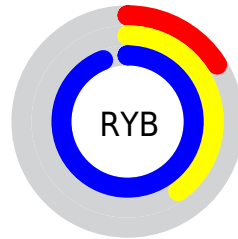
Distribution



Red (16%)

Green (51%)

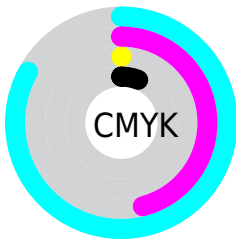
Blue (94%)



Red (16%)

Yellow (40%)

Blue (94%)

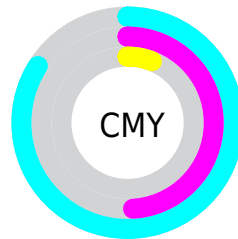


Cyan (83%)

Magenta (46%)

Yellow (0%)

Black (6%)



Cyan (84%)

Magenta (49%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2982F0 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 2982F0 by changing the saturation by 10% instead.

 2982F0

 2982F0

FFFFFF

 0069D3

 78B6FF

 0052B7

 98D2FF

 003C9C

 B7EEFF

 002781

 D6FFFF

 001467

 F6FFFF

 000A4E

 000536

 000220

 000004

■ 2982F0

■ 2982F0

■ 1175F0

■ 418FF0

■ 006BF0

■ 599DF0

■ 71AAF0

■ 89B7F0

■ A1C4F0

■ B9D2F0

■ D1DFF0

■ E9ECF0

■ FFF9F0

Harmonies

Analogous

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



0092ED



2982F0



A26AD6

Triad

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



2982F0



D95C3B



009A5F

Complementary

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



2982F0



F09729

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.



499428



2982F0



B87403

Square

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



2982F0



E6496F



888800



009D99

Rectangle

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



2982F0



C858B8



888800



00994D

Sweetspot

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



2982F0



BFDCFF



29F096



596A80



000000



808080

Same Dimension

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



2982F0



0072FF



3329F0



6C7178



0052B8



001938

Inverse Universe

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



F02982



FF0072



E6F029



786C71



B80052



380019

Previews

White Background



This preview shows how the Hex color 2982F0 looks on a white background.

Color Contrast Check

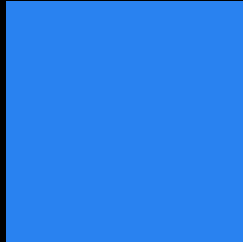
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2982F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

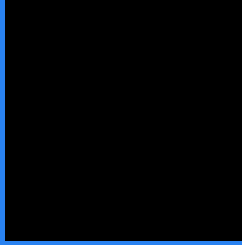
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

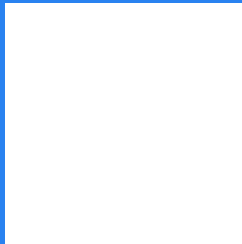
Any Text WCAG AAA × Fail

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

Hex 2982F0 Background



This preview shows how black text looks on a background with the Hex color 2982F0.



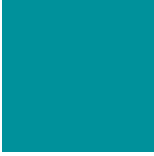
This preview shows how white text looks on a background with the Hex color 2982F0.

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](#).

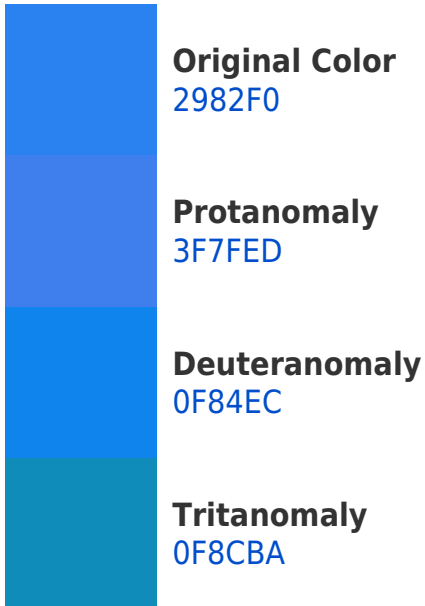
Dichromacy



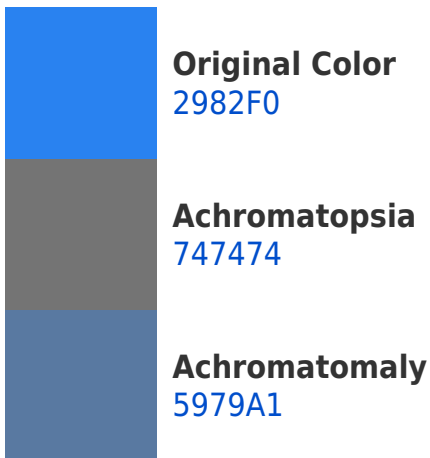


Tritanopia
00919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2982F0 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 #2982F0 looks like.

```
.text, #text, p{  
    color:#2982F0  
}
```

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 #2982F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2982F0
}
```

Border

The CSS property to change the border of an element to Hex 2982F0 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
#2982F0 }
```

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

```
.border{ border-color:#2982F0 }
```

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

Here you see how a box with a 4 pixel #2982F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2982F0; -webkit-box-shadow:4px 4px  
4px 4px #2982F0; box-shadow:4px 4px 4px  
4px #2982F0 }
```

Background

The CSS property to change the background color of an element to Hex 2982F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2982F0 }
```

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

```
.background{ background-color:#2982F0 }
```

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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