

Converting Colors

Hex(2E91F0)

Have a look what the booklet for
Hex(2E91F0) contains.

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Color

Hex(2E91F0)

Conversions

Conversions Part 1

Format	Color
Hex	2E91F0
RGB	46, 145, 240
RGB Percent	18%, 57%, 94%
CMY	0.8196, 0.4314, 0.0588
CMYK	0.81, 0.40, 0.00, 0.06
HSL	209°, 87%, 56%
HSV	209°, 81%, 94%
XYZ	26.9803, 27.1229, 86.2513
YIQ	126.2290, -89.4990, 8.5570

Conversions

Conversions Part 2

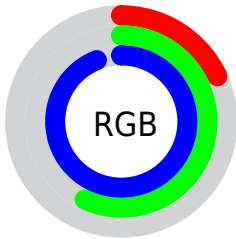
Format	Color
R_{YB}	46, 112, 240
Decimal	3052016
CIE _{Lab}	59.09, 4.95, -55.59
CIE _{LCh}	59, 55.812, 275.087
Yxy	27.1229, 0.1922, 0.1932
Android (android.graphics.Color)	4281242096 (0xFF2E91F0)
YUV	126.2290, 56.0891, -70.3608
Hunter-Lab	52.0797, 1.3340, -61.7369

Details

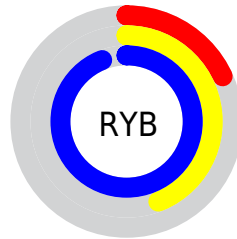
The Hex color **2E91F0** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F08D2E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7AC6FF**, and **005FB7** is the 20% darker color. If you saturate the color by 10%, you get **1685F0**, and if you desaturate by 10%, it is **469DF0**.

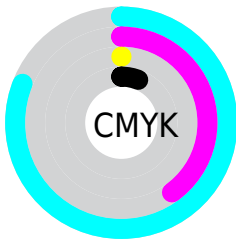
Distribution



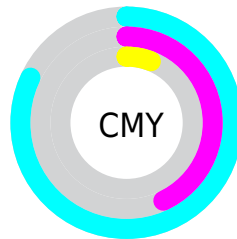
- Red (18%)
- Green (57%)
- Blue (94%)



- Red (18%)
- Yellow (44%)
- Blue (94%)



- Cyan (81%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)



- Cyan (82%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E91F0 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 2E91F0 by changing the saturation by 10% instead.

 2E91F0

 2E91F0

FFFFFF

 0078D3


 7AC6FF

 005FB7

 9AE2FF

 00489C

 B9FFFF

 003381

 D8FFFF

 001F68

 F7FFFF

 00094F

 000537

 000221

 000006

■ 2E91F0

■ 2E91F0

■ 1685F0

■ 469DF0

■ 007AF0

■ 5EA9F0

■ 76B4F0

■ 8EC0F0

■ A6CCF0

■ BED8F0

■ D6E3F0

■ EEEFF0

■ FFFBF0

Harmonies

Analogous

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



009EE7



2E91F0



9B7EDF

Triad

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



2E91F0



E26A59



0DA363

Complementary

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



2E91F0



F08D2E

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.



6D9B38



2E91F0



C87C33

Square

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



2E91F0



E76088



A08E22



00A695

Rectangle

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



2E91F0



C270C7



A08E22



3EA153

Sweetspot

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



2E91F0



C2E1FF



2EF08C



5B6D80



000000



808080

Same Dimension

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



2E91F0



0886FF



2E31F0



6C7278



005EB8



001D38

Inverse Universe

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



F02E91



FF0886



F0ED2E



786C72



B8005E



38001D

Previews

White Background



This preview shows how the Hex color 2E91F0 looks on a white background.

Color Contrast Check

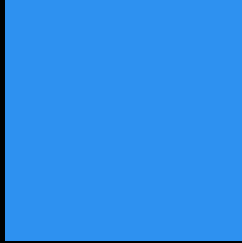
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E91F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

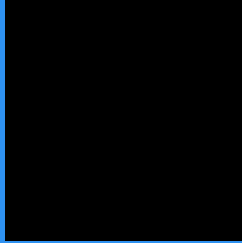
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

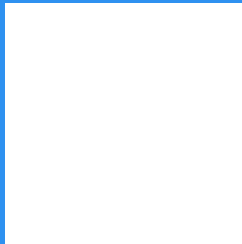
Any Text WCAG AAA × Fail

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

Hex 2E91F0 Background



This preview shows how black text looks on a background with the Hex color 2E91F0.

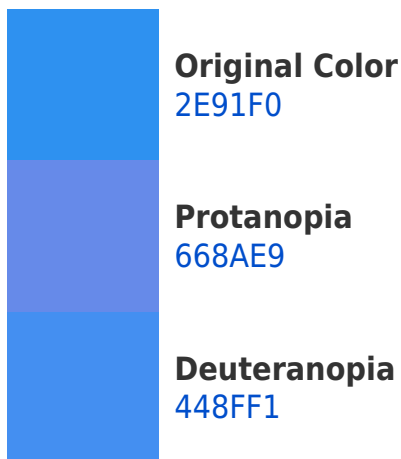


This preview shows how white text looks on a background with the Hex color 2E91F0.

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](#).

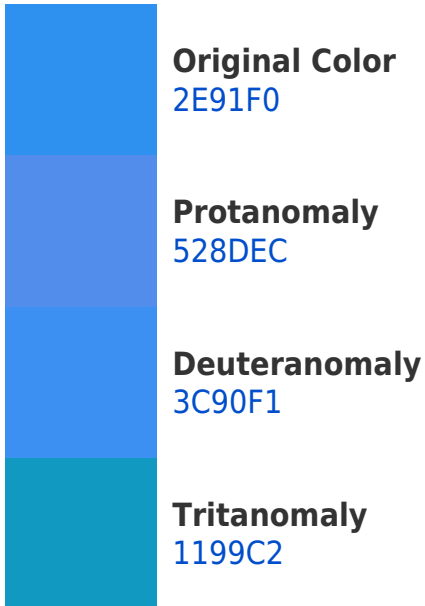
Dichromacy





Tritanopia
009DA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E91F0 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 #2E91F0 looks like.

```
.text, #text, p{  
    color:#2E91F0  
}
```

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 #2E91F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E91F0
}
```

Border

The CSS property to change the border of an element to Hex 2E91F0 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
#2E91F0 }
```

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

```
.border{ border-color:#2E91F0 }
```

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

Here you see how a box with a 4 pixel #2E91F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E91F0; -webkit-box-shadow:4px 4px  
4px 4px #2E91F0; box-shadow:4px 4px 4px  
4px #2E91F0 }
```

Background

The CSS property to change the background color of an element to Hex 2E91F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E91F0 }
```

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

```
.background{ background-color:#2E91F0 }
```

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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