

Converting Colors

Hex(2E50F7)

Have a look what the booklet for
Hex(2E50F7) contains.

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Color

Hex(2E50F7)

Conversions

Conversions Part 1

Format	Color
Hex	2E50F7
RGB	46, 80, 247
RGB Percent	18%, 31%, 97%
CMY	0.8196, 0.6863, 0.0314
CMYK	0.81, 0.68, 0.00, 0.03
HSL	230°, 93%, 57%
HSV	230°, 81%, 97%
XYZ	20.7839, 13.0336, 89.4160
YIQ	88.8720, -73.8710, 44.7290

Conversions

Conversions Part 2

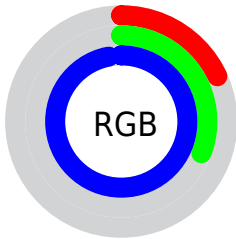
Format	Color
RYB	46, 75, 247
Decimal	3035383
CIELab	42.81, 47.72, -85.89
CIElCh	43, 98.255, 299.059
Yxy	13.0336, 0.1687, 0.1058
Android (android.graphics.Color)	4281225463 (0xFF2E50F7)
YUV	88.8720, 77.9571, -37.5987
Hunter-Lab	36.1020, 39.5836, -121.5756

Details

The Hex color **2E50F7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **F7D52E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7F82FF**, and **0023BD** is the 20% darker color. If you saturate the color by 10%, you get **153BF7**, and if you desaturate by 10%, it is **4765F7**.

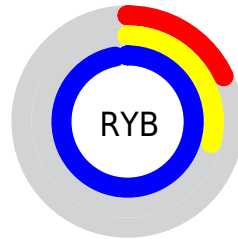
Distribution



Red (18%)

Green (31%)

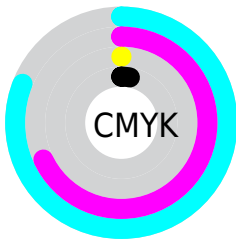
Blue (97%)



Red (18%)

Yellow (29%)

Blue (97%)

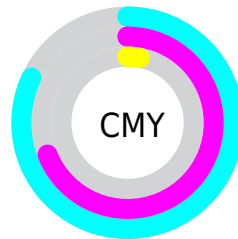


Cyan (81%)

Magenta (68%)

Yellow (0%)

Black (3%)



Cyan (82%)

Magenta (69%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E50F7 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 2E50F7 by changing the saturation by 10% instead.

 2E50F7

 2E50F7

FFFFFF

 0039DA

 7F82FF

 0023BD

 A09CFF

 0010A1

 C0B7FF

 000086

 E0D2FF

 00066C

 FFEFFF

 000B52

 00053A

 000224

 00000B

■ 2E50F7

■ 2E50F7

■ 153BF7

■ 4765F7

■ 002AF7

■ 5F79F7

■ 788EF7

■ 91A2F7

■ AAB7F7

■ C2CBF7

■ DBE0F7

■ F4F4F7

■ FFFFF7

Harmonies

Analogous

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



0073FF



2E50F7



BD00BB

Triad

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



2E50F7



BA3600



008260

Complementary

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



2E50F7



F7D52E

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.



007E00



2E50F7



7E6200

Square

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



2E50F7



E1001D



207600



0083B3

Rectangle

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



2E50F7



DF0087



207600



008143

Sweetspot

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



2E50F7



C2CCFF



2EF7D2



5B6180



000000



808080

Same Dimension

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



2E50F7



052FFF



6E2EF7



6E707A



001FBA



000A3B

Inverse Universe

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



F72E50



FF052F



B7F72E



7A6E70



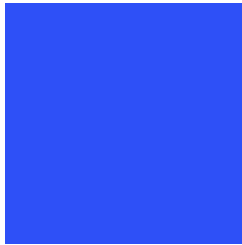
BA001F



3B000A

Previews

White Background



This preview shows how the Hex color 2E50F7 looks on a white background.

Color Contrast Check

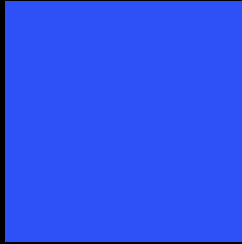
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2E50F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

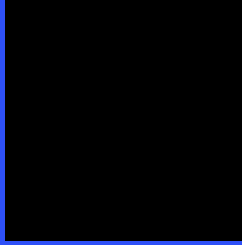
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2E50F7 Background



This preview shows how black text looks on a background with the Hex color 2E50F7.

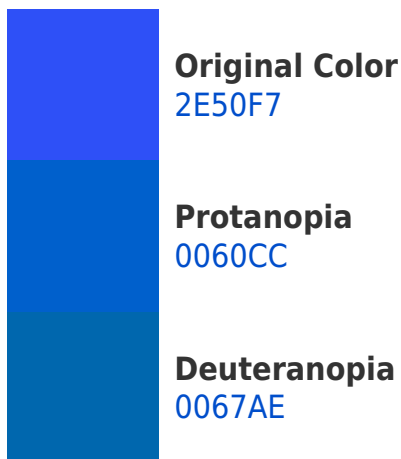


This preview shows how white text looks on a background with the Hex color 2E50F7.

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](#).

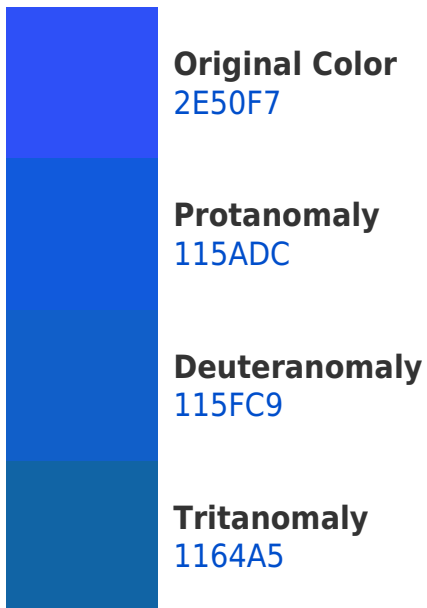
Dichromacy





Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E50F7 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 #2E50F7 looks like.

```
.text, #text, p{  
    color:#2E50F7  
}
```

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 #2E50F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E50F7
}
```

Border

The CSS property to change the border of an element to Hex 2E50F7 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
#2E50F7 }
```

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

```
.border{ border-color:#2E50F7 }
```

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

Here you see how a box with a 4 pixel #2E50F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E50F7; -webkit-box-shadow:4px 4px  
4px 4px #2E50F7; box-shadow:4px 4px 4px  
4px #2E50F7 }
```

Background

The CSS property to change the background color of an element to Hex 2E50F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E50F7 }
```

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

```
.background{ background-color:#2E50F7 }
```

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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