

# Converting Colors

Hex(2571F6)

Have a look what the booklet for  
Hex(2571F6) contains.

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# Color

**Hex(2571F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2571F6
RGB	37, 113, 246
RGB Percent	15%, 44%, 96%
CMY	0.8549, 0.5569, 0.0353
CMYK	0.85, 0.54, 0.00, 0.04
HSL	218°, 92%, 55%
HSV	218°, 85%, 96%
XYZ	23.3026, 18.8574, 89.6004
YIQ	105.4380, -87.9890, 25.2510

# Conversions

## Conversions Part 2

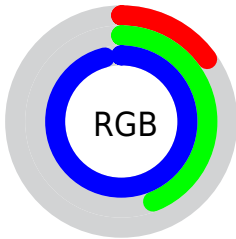
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 93, 246
Decimal	2454006
CIE Lab	50.52, 26.21, -72.73
CIE LCh	51, 77.309, 289.821
Yxy	18.8574, 0.1769, 0.1431
Android (android.graphics.Color)	4280644086 (0xFF2571F6)
YUV	105.4380, 69.2971, -60.0201
Hunter-Lab	43.4251, 19.7921, -91.9374

# Details

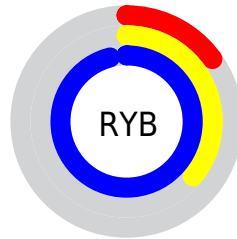
The Hex color **2571F6** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **F6AA25**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **78A4FF**, and **0043BD** is the 20% darker color. If you saturate the color by 10%, you get **0C61F6**, and if you desaturate by 10%, it is **3E81F6**.

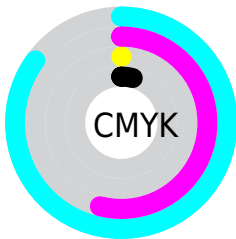
# Distribution



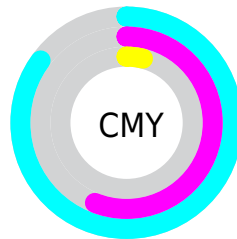
- Red (15%)
- Green (44%)
- Blue (96%)



- Red (15%)
- Yellow (36%)
- Blue (96%)



- Cyan (85%)
- Magenta (54%)
- Yellow (0%)
- Black (4%)



- Cyan (85%)
- Magenta (56%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2571F6 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 2571F6 by changing the saturation by 10% instead.



 2571F6

 2571F6

FFFFFF

 0059D9

 78A4FF

 0043BD

 99BFFF

 002EA1

 B9DBFF

 001C86

 D8F7FF

 00016C

 F8FFFF

 000B52

 00063A

 000224

 00000B

■ 2571F6

■ 2571F6

■ 0C61F6

■ 3E81F6

■ 0059F6

■ 5690F6

■ 6FA0F6

■ 87B0F6

■ A0BFF6

■ B9CFF6

■ D1DFF6

■ EAEEF6

■ FFFE6

# Harmonies

## Analogous

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



0087FC



2571F6



AF4DCE

# Triad

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



2571F6



D14D08



00935F

# Complementary

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



2571F6



F6AA25

# 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.



008D11



2571F6



A56D00

# Square

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



2571F6



E82150



698200



0094A3

# Rectangle

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



2571F6



D42FA7



698200



009147



# Sweetspot

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



2571F6



BFD6FF



25F6A9



596780



000000



808080



# Same Dimension

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



2571F6



005DFF



4125F6



6E737A



0044BA



00153B



# Inverse Universe

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



F62571



FF005D



DAF625



7A6E73



BA0044



3B0015



# Previews

## White Background



This preview shows how the Hex color 2571F6 looks on a white background.

## Color Contrast Check

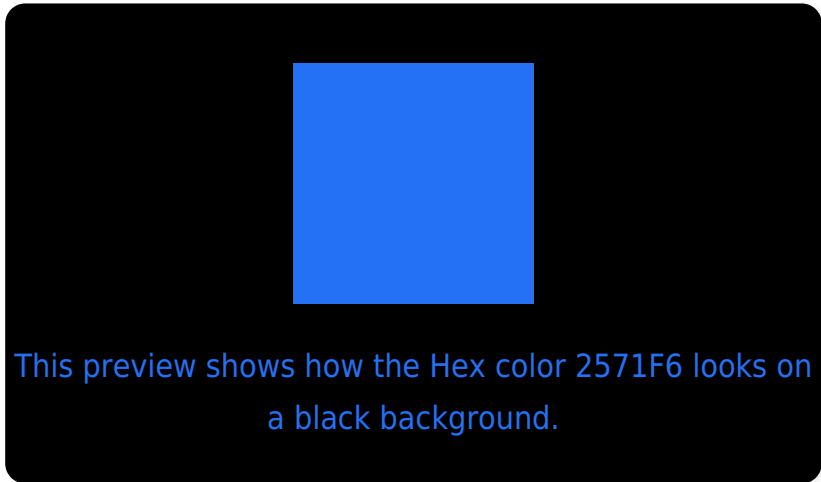
Large Text (above 18pt) WCAG AA ✓ Pass

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

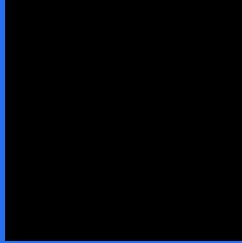
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

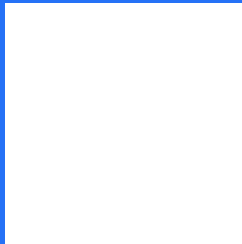
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2571F6 Background



This preview shows how black text looks on a background with the Hex color 2571F6.



This preview shows how white text looks on a background with the Hex color 2571F6.

# 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](#).

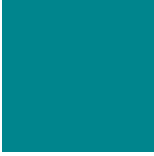
## Dichromacy



**Original Color**  
2571F6

**Protanopia**  
0073F4

**Deuteranopia**  
007AD3



**Tritanopia**  
00858D

# Trichromacy



**Original Color**  
2571F6

**Protanomaly**  
0D72F5

**Deuteranomaly**  
0D77E0

**Tritanomaly**  
0D7EB3

# Monochromacy



**Original Color**  
2571F6

**Achromatopsia**  
696969

**Achromatomaly**  
506C9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2571F6 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 #2571F6 looks like.

```
.text, #text, p{  
    color:#2571F6  
}
```

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 #2571F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2571F6
}
```

## Border

The CSS property to change the border of an element to Hex 2571F6 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
#2571F6 }
```

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

```
.border{ border-color:#2571F6 }
```

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

Here you see how a box with a 4 pixel #2571F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2571F6; -webkit-box-shadow:4px 4px  
4px 4px #2571F6; box-shadow:4px 4px 4px  
4px #2571F6 }
```

# Background

The CSS property to change the background color of an element to Hex 2571F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2571F6 }
```

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

```
.background{ background-color:#2571F6 }
```

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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