

Converting Colors

Hex(2780FE)

Have a look what the booklet for
Hex(2780FE) contains.

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Color

Hex(2780FE)

Conversions

Conversions Part 1

Format	Color
Hex	2780FE
RGB	39, 128, 254
RGB Percent	15%, 50%, 100%
CMY	0.8471, 0.4980, 0.0039
CMYK	0.85, 0.50, 0.00, 0.00
HSL	215°, 99%, 57%
HSV	215°, 85%, 100%
XYZ	26.4453, 23.0254, 96.8165
YIQ	115.7530, -93.4900, 20.3180

Conversions

Conversions Part 2

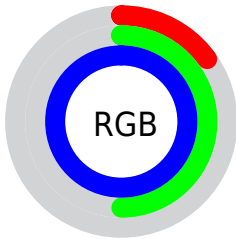
Format	Color
R _Y B	39, 102, 254
Decimal	2588926
CIE Lab	55.10, 19.96, -69.74
CIE LCh	55, 72.537, 285.971
Yxy	23.0254, 0.1808, 0.1574
Android (android.graphics.Color)	4280779006 (0xFF2780FE)
YUV	115.7530, 68.1558, -67.3124
Hunter-Lab	47.9848, 14.4010, -86.0369

Details

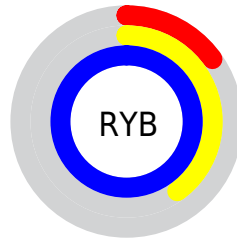
The Hex color **2780FE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FEA527**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7AB4FF**, and **0050C4** is the 20% darker color. If you saturate the color by 10%, you get **0E71FE**, and if you desaturate by 10%, it is **408FFE**.

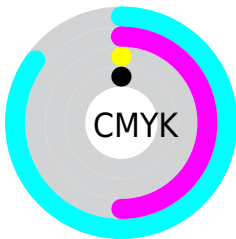
Distribution



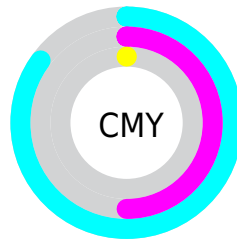
- Red (15%)
- Green (50%)
- Blue (100%)



- Red (15%)
- Yellow (40%)
- Blue (100%)



- Cyan (85%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2780FE 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 2780FE by changing the saturation by 10% instead.

 2780FE

 2780FE

FFFFFF

 0067E1

 7AB4FF

 0050C4

 9BCFFF

 003AA8

 BBEBFF

 00278D

 DBFFFF

 001573

 FAFFFF

 000D59

 000741

 00032A

 000114

■ 2780FE

■ 2780FE

■ 0E71FE

■ 408FFE

■ 0069FE

■ 5A9EFE

■ 73ADFE

■ 8DBCFE

■ A6CAFE

■ BFD9FE

■ D9E8FE

■ F2F7FE

FFFFFE

Harmonies

Analogous

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



0094FF



2780FE



AF62DC

Triad

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



2780FE



E05929



009E63

Complementary

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



2780FE



FEA527

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.



2D981F



2780FE



B77600

Square

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



2780FE



F23C65



808B00



00A0A5

Rectangle

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



2780FE



D74BB8



808B00



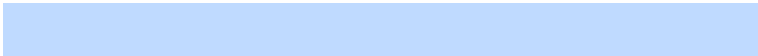
009C4D

Sweetspot

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



2780FE



BFDAFF



27FEA4



596980



000000



808080

Same Dimension

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



2780FE



006AFF



3927FE



737880



004FBF



001A40

Inverse Universe

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



FE2780



FF006A



ECFE27



807378



BF004F



40001A

Previews

White Background



This preview shows how the Hex color 2780FE looks on a white background.

Color Contrast Check

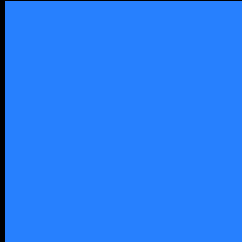
Large Text (above 18pt) WCAG AA ✓ Pass

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 2780FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

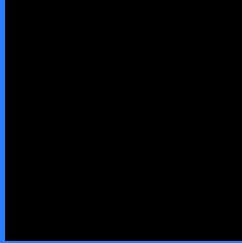
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

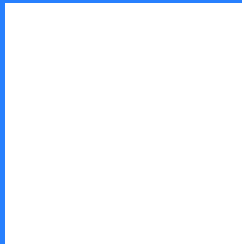
Any Text WCAG AAA × Fail

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

Hex 2780FE Background



This preview shows how black text looks on a background with the Hex color 2780FE.

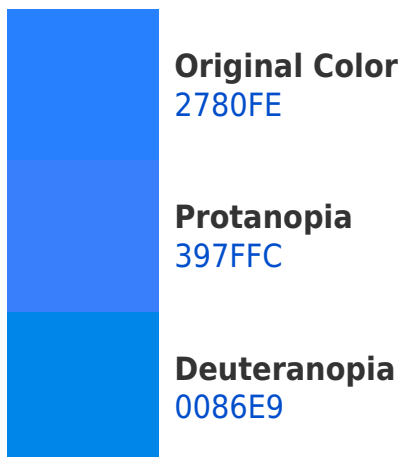


This preview shows how white text looks on a background with the Hex color 2780FE.

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](#).

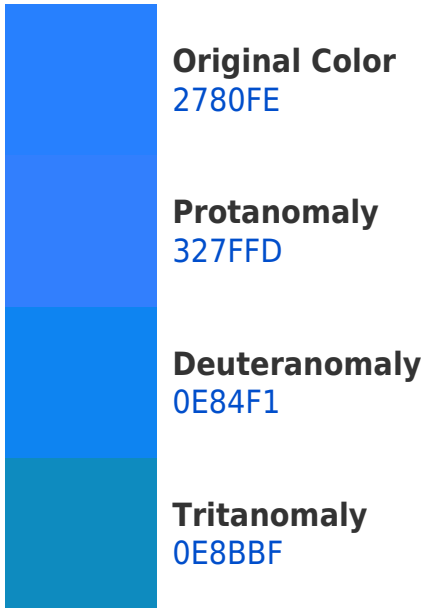
Dichromacy





Tritanopia
00919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2780FE 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 #2780FE looks like.

```
.text, #text, p{  
    color:#2780FE  
}
```

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 #2780FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2780FE
}
```

Border

The CSS property to change the border of an element to Hex 2780FE 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
#2780FE }
```

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

```
.border{ border-color:#2780FE }
```

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

Here you see how a box with a 4 pixel #2780FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2780FE; -webkit-box-shadow:4px 4px  
4px 4px #2780FE; box-shadow:4px 4px 4px  
4px #2780FE }
```

Background

The CSS property to change the background color of an element to Hex 2780FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2780FE }
```

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

```
.background{ background-color:#2780FE }
```

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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