

Converting Colors

Hex(2780E8)

Have a look what the booklet for
Hex(2780E8) contains.

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Color

Hex(2780E8)

Conversions

Conversions Part 1

Format	Color
Hex	2780E8
RGB	39, 128, 232
RGB Percent	15%, 50%, 91%
CMY	0.8471, 0.4980, 0.0902
CMYK	0.83, 0.45, 0.00, 0.09
HSL	212°, 81%, 53%
HSV	212°, 83%, 91%
XYZ	23.1214, 21.6959, 79.3130
YIQ	113.2450, -86.4280, 13.4760

Conversions

Conversions Part 2

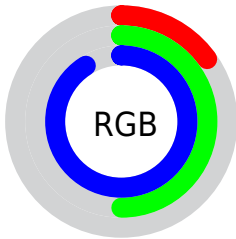
Format	Color
R _Y B	39, 100, 232
Decimal	2588904
CIE Lab	53.70, 11.68, -59.78
CIE LCh	54, 60.906, 281.058
Yxy	21.6959, 0.1863, 0.1748
Android (android.graphics.Color)	4280778984 (0xFF2780E8)
YUV	113.2450, 58.5462, -65.1129
Hunter-Lab	46.5788, 7.0930, -68.3520

Details

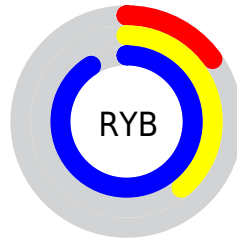
The Hex color **2780E8** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E88F27**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **75B4FF**, and **0050B0** is the 20% darker color. If you saturate the color by 10%, you get **1073E8**, and if you desaturate by 10%, it is **3E8DE8**.

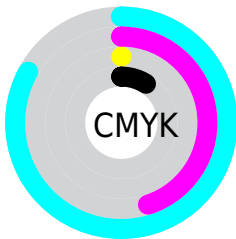
Distribution



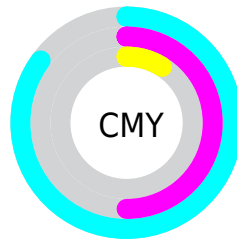
- Red (15%)
- Green (50%)
- Blue (91%)



- Red (15%)
- Yellow (39%)
- Blue (91%)



- Cyan (83%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (50%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2780E8 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 2780E8 by changing the saturation by 10% instead.

 2780E8

 2780E8

FFFFFF

 0067CB

 75B4FF

 0050B0

 95D0FF

 003A94

 B4ECFF

 00267A

 D3FFFF

 001160

 F2FFFF

 000848

 000430

 00011B

 000000

■ 2780E8

■ 2780E8

■ 1073E8

■ 3E8DE8

■ 006BE8

■ 5599E8

■ 6DA6E8

■ 84B2E8

■ 9BBFE8

■ B2CBE8

■ C9D8E8

■ E1E4E8

■ F8F1E8

Harmonies

Analogous

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



008FE4



2780E8



9B69D0

Triad

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



2780E8



D45B3E



00965C

Complementary

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



2780E8



E88F27

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.



4D9029



2780E8



B4710F

Square

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



2780E8



DE4B6F



888400



009993

Rectangle

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



2780E8



C059B4



888400



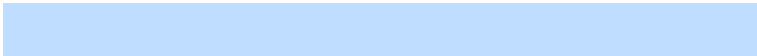
00954B

Sweetspot

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



2780E8



BFDDFF



27E88E



596B80



000000



808080

Same Dimension

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



2780E8



0076FF



2D27E8



676D73



0052B3



001833

Inverse Universe

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



E82780



FF0076



E2E827



73676D



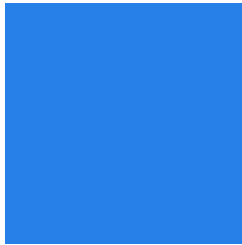
B30052



330018

Previews

White Background



This preview shows how the Hex color 2780E8 looks on a white background.

Color Contrast Check

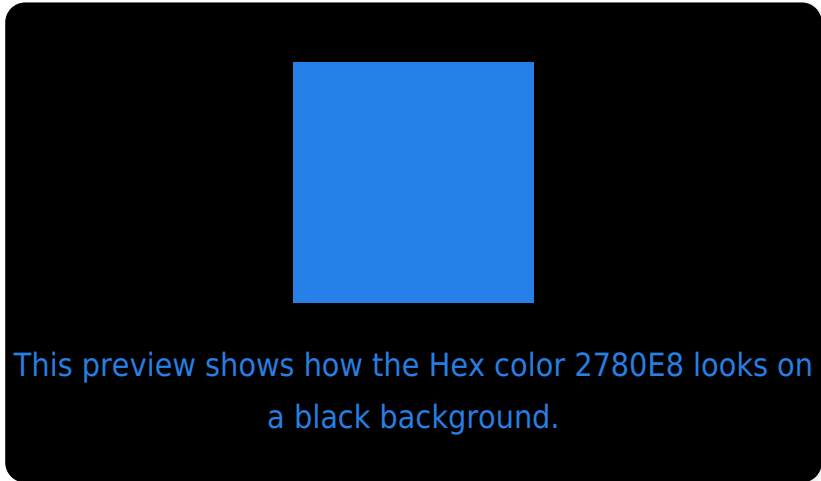
Large Text (above 18pt) WCAG AA ✓ Pass

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

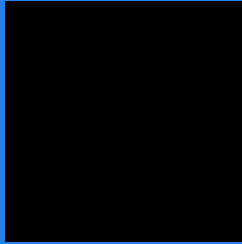
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

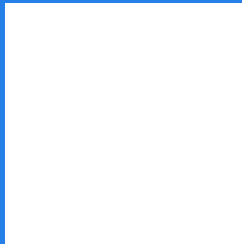
Any Text WCAG AAA × Fail

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

Hex 2780E8 Background



This preview shows how black text looks on a background with the Hex color 2780E8.



This preview shows how white text looks on a background with the Hex color 2780E8.

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
2780E8

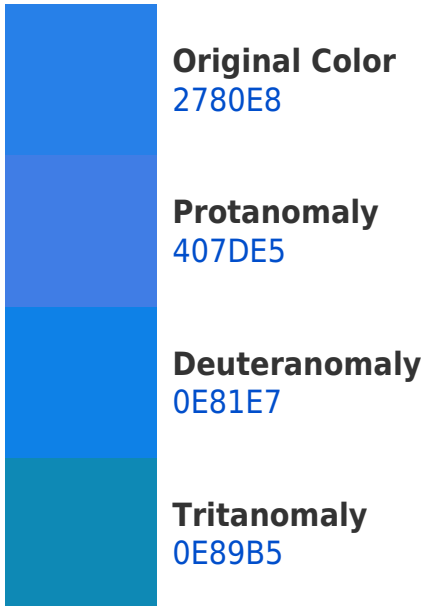
Protanopia
4E7CE4

Deuteranopia
0082E6



Tritanopia
008E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2780E8 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 #2780E8 looks like.

```
.text, #text, p{  
  color:#2780E8  
}
```

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 #2780E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2780E8
}
```

Border

The CSS property to change the border of an element to Hex 2780E8 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
#2780E8 }
```

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

```
.border{ border-color:#2780E8 }
```

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

Here you see how a box with a 4 pixel #2780E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2780E8; -webkit-box-shadow:4px 4px  
4px 4px #2780E8; box-shadow:4px 4px 4px  
4px #2780E8 }
```

Background

The CSS property to change the background color of an element to Hex 2780E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2780E8 }
```

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

```
.background{ background-color:#2780E8 }
```

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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