

Converting Colors

Hex(2F8EED)

Have a look what the booklet for
Hex(2F8EED) contains.

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Color

Hex(2F8EED)

Conversions

Conversions Part 1

Format	Color
Hex	2F8EED
RGB	47, 142, 237
RGB Percent	18%, 56%, 93%
CMY	0.8157, 0.4431, 0.0706
CMYK	0.80, 0.40, 0.00, 0.07
HSL	210°, 84%, 56%
HSV	210°, 80%, 93%
XYZ	26.1314, 26.0648, 83.7745
YIQ	124.4250, -87.1150, 9.4050

Conversions

Conversions Part 2

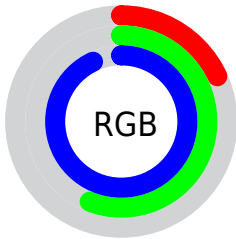
Format	Color
R_{YB}	47, 110, 237
Decimal	3116781
CIE _{Lab}	58.10, 5.73, -55.51
CIE _{LCh}	58, 55.804, 275.894
Yxy	26.0648, 0.1922, 0.1917
Android (android.graphics.Color)	4281306861 (0xFF2F8EED)
YUV	124.4250, 55.4995, -67.9017
Hunter-Lab	51.0537, 2.0197, -61.5520

Details

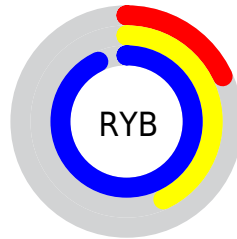
The Hex color **2F8EED** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **ED8E2F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7AC3FF**, and **005DB4** is the 20% darker color. If you saturate the color by 10%, you get **1782ED**, and if you desaturate by 10%, it is **479AED**.

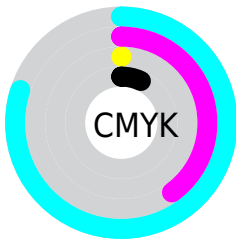
Distribution



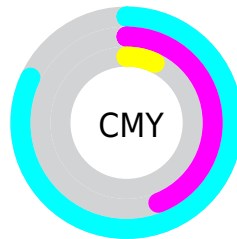
- Red (18%)
- Green (56%)
- Blue (93%)



- Red (18%)
- Yellow (43%)
- Blue (93%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F8EED 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 2F8EED by changing the saturation by 10% instead.

■ 2F8EED

■ 2F8EED

FFFFFF

■ 0075D0

■ 7AC3FF

■ 005DB4

■ 9ADFFF

■ 004699

■ B9FBFF

■ 00307F

■ D8FFFF

■ 001D65

■ F7FFFF

■ 00094C

■ 000535

■ 00021F

■ 000001

■ 2F8EED

■ 2F8EED

■ 1782ED

■ 479AED

■ 0076ED

■ 5EA6ED

■ 76B2ED

■ 8EBDED

■ A5C9ED

■ BDD5ED

■ D5E1ED

■ EDEDED

■ FFF9ED

Harmonies

Analogous

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



009BE4



2F8EED



9A7BDB

Triad

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



2F8EED



DF6755



00A062

Complementary

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



2F8EED



ED8E2F

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.



699937



2F8EED



C57A30

Square

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



2F8EED



E45E84



9C8C20



00A394

Rectangle

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



2F8EED



C16DC3



9C8C20



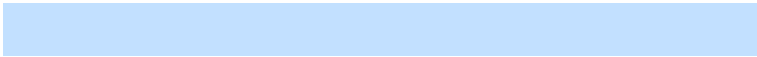
399E52

Sweetspot

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



2F8EED



C2E0FF



2FED8E



5B6D80



000000



808080

Same Dimension

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



2F8EED



0A85FF



2F2FED



6A6F75



005BB5



001B36

Inverse Universe

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



ED2F8E



FF0A85



EDED2F



756A6F



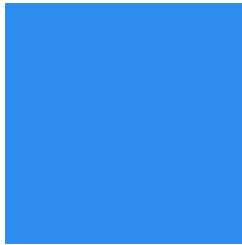
B5005B



36001B

Previews

White Background



This preview shows how the Hex color 2F8EED looks on a white background.

Color Contrast Check

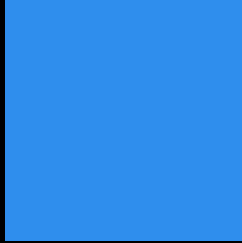
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F8EED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

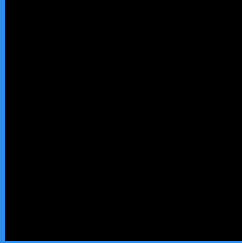
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

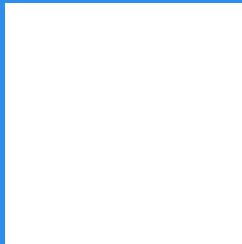
Any Text WCAG AAA × Fail

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

Hex 2F8EED Background



This preview shows how black text looks on a background with the Hex color 2F8EED.

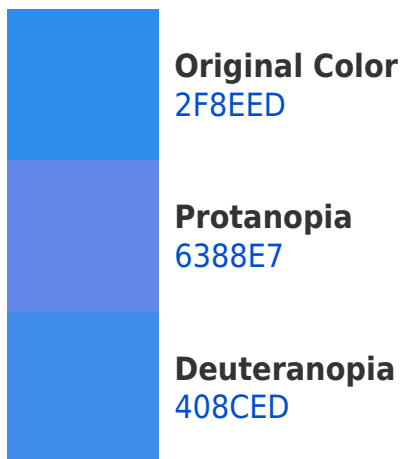


This preview shows how white text looks on a background with the Hex color 2F8EED.

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](#).

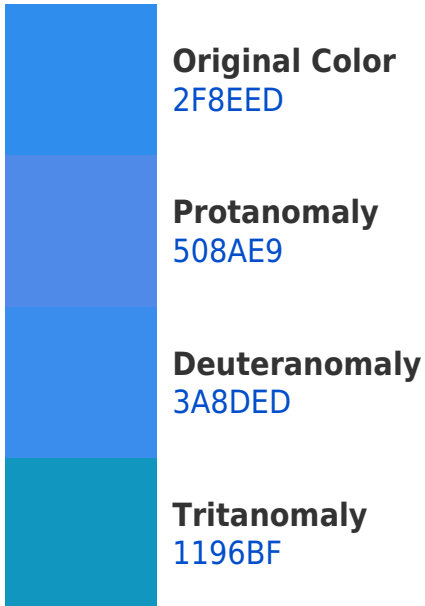
Dichromacy



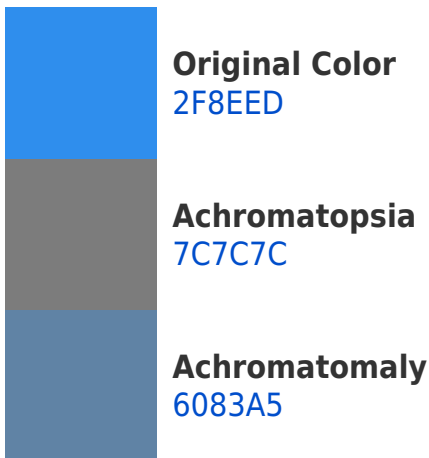


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F8EED 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 #2F8EED looks like.

```
.text, #text, p{  
    color:#2F8EED  
}
```

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 #2F8EED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8EED
}
```

Border

The CSS property to change the border of an element to Hex 2F8EED 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
#2F8EED }
```

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

```
.border{ border-color:#2F8EED }
```

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

Here you see how a box with a 4 pixel #2F8EED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8EED; -webkit-box-shadow:4px 4px  
4px 4px #2F8EED; box-shadow:4px 4px 4px  
4px #2F8EED }
```

Background

The CSS property to change the background color of an element to Hex 2F8EED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8EED }
```

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

```
.background{ background-color:#2F8EED }
```

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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