

Converting Colors

Hex(2F88E2)

Have a look what the booklet for
Hex(2F88E2) contains.

Hex(2F88E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F88E2)

Conversions

Conversions Part 1

Format	Color
Hex	2F88E2
RGB	47, 136, 226
RGB Percent	18%, 53%, 89%
CMY	0.8157, 0.4667, 0.1137
CMYK	0.79, 0.40, 0.00, 0.11
HSL	210°, 76%, 54%
HSV	210°, 79%, 89%
XYZ	23.7039, 23.7036, 75.2774
YIQ	119.6490, -81.9340, 9.1220

Conversions

Conversions Part 2

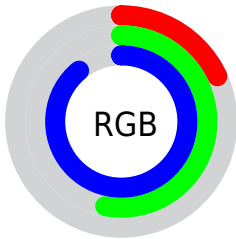
Format	Color
R_{YB}	47, 106, 226
Decimal	3115234
CIE Lab	55.79, 5.29, -53.07
CIE LCh	56, 53.334, 275.687
Yxy	23.7036, 0.1932, 0.1932
Android (android.graphics.Color)	4281305314 (0xFF2F88E2)
YUV	119.6490, 52.4310, -63.7132
Hunter-Lab	48.6864, 1.7050, -57.5920

Details

The Hex color **2F88E2** 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 **E2892F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **77BDFF**, and **0057AA** is the 20% darker color. If you saturate the color by 10%, you get **187DE2**, and if you desaturate by 10%, it is **4693E2**.

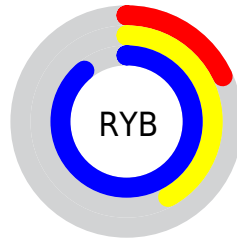
Distribution



Red (18%)

Green (53%)

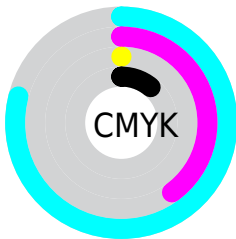
Blue (89%)



Red (18%)

Yellow (42%)

Blue (89%)

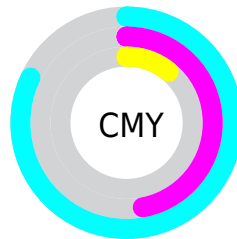


Cyan (79%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (82%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F88E2 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 2F88E2 by changing the saturation by 10% instead.

■ 2F88E2

■ 2F88E2

FFFFFF

■ 006FC6

■ 77BDFF

■ 0057AA

■ 97D8FF

■ 00408F

■ B5F5FF

■ 002B75

■ D4FFFF

■ 00185C

■ F3FFFF

■ 000743

■ 00032C

■ 000117

■ 000000

■ 2F88E2

■ 2F88E2

■ 187DE2

■ 4693E2

■ 0271E2

■ 5C9FE2

■ 0070E2

■ 73AAE2

■ 89B5E2

■ A0C1E2

■ B7CCE2

■ CDD8E2

■ E4E3E2

■ FAEEE2

Harmonies

Analogous

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



0095DA



2F88E2



9376D1

Triad

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



2F88E2



D56352



04995E

Complementary

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



2F88E2



E2892F

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.



669235



2F88E2



BC752F

Square

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



2F88E2



D95A7F



968620



009C8D

Rectangle

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



2F88E2



B868BB



968620



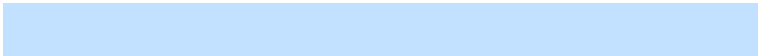
39974F

Sweetspot

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



2F88E2



C2E0FF



2FE289



5B6D80



000000



808080

Same Dimension

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



2F88E2



0D85FF



2F2FE2



656B70



0057B0



001830

Inverse Universe

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



E22F88



FF0D85



E2E22F



70656B



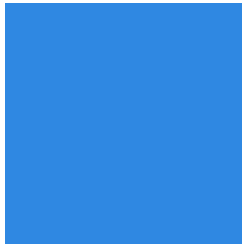
B00057



300018

Previews

White Background



This preview shows how the Hex color 2F88E2 looks on a white background.

Color Contrast Check

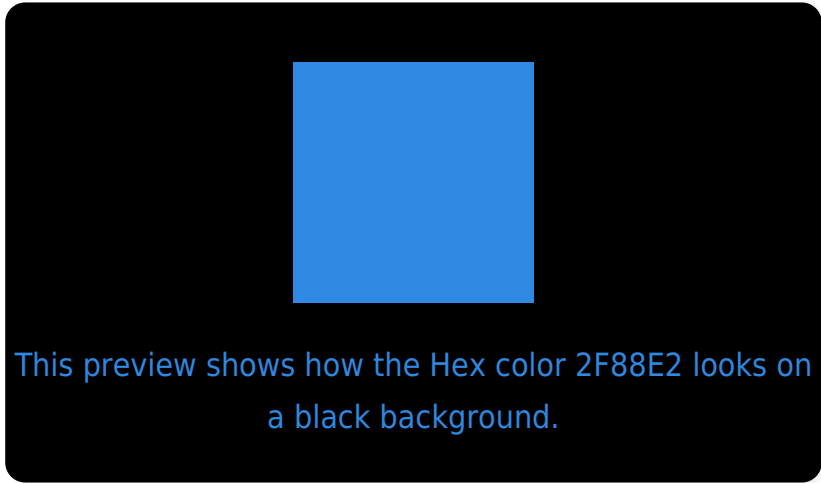
Large Text (above 18pt) WCAG AA ✓ Pass

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

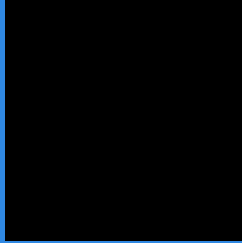
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

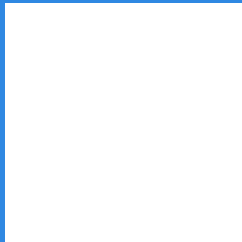
Any Text WCAG AAA × Fail

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

Hex 2F88E2 Background



This preview shows how black text looks on a background with the Hex color 2F88E2.



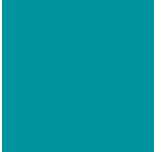
This preview shows how white text looks on a background with the Hex color 2F88E2.

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](#).

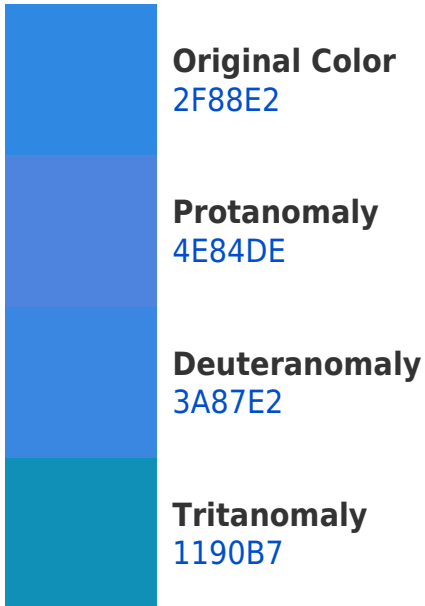
Dichromacy





Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F88E2 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 #2F88E2 looks like.

```
.text, #text, p{  
    color:#2F88E2  
}
```

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 #2F88E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F88E2
}
```

Border

The CSS property to change the border of an element to Hex 2F88E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

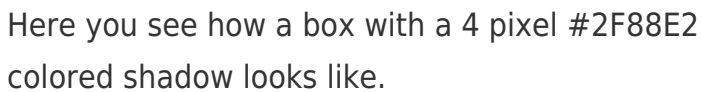
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F88E2 }
```

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

```
.border{ border-color:#2F88E2 }
```

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



Here you see how a box with a 4 pixel #2F88E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F88E2; -webkit-box-shadow:4px 4px  
4px 4px #2F88E2; box-shadow:4px 4px 4px  
4px #2F88E2 }
```

Background

The CSS property to change the background color of an element to Hex 2F88E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F88E2 }
```

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

```
.background{ background-color:#2F88E2 }
```

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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