

Converting Colors

Hex(2F98DF)

Have a look what the booklet for
Hex(2F98DF) contains.

Hex(2F98DF)	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(2F98DF)

Conversions

Conversions Part 1

Format	Color
Hex	2F98DF
RGB	47, 152, 223
RGB Percent	18%, 60%, 87%
CMY	0.8157, 0.4039, 0.1255
CMYK	0.79, 0.32, 0.00, 0.13
HSL	204°, 73%, 53%
HSV	204°, 79%, 87%
XYZ	25.7198, 28.3885, 73.9360
YIQ	128.6990, -85.3710, -0.1790

Conversions

Conversions Part 2

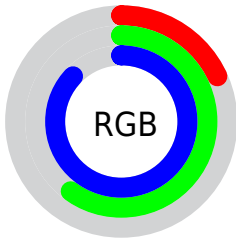
Format	Color
R _Y B	47, 113, 223
Decimal	3119327
CIE Lab	60.24, -5.21, -44.35
CIE LCh	60, 44.650, 263.302
Yxy	28.3885, 0.2009, 0.2217
Android (android.graphics.Color)	4281309407 (0xFF2F98DF)
YUV	128.6990, 46.4904, -71.6500
Hunter-Lab	53.2809, -7.0758, -44.9780

Details

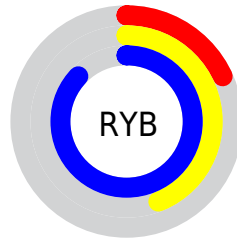
The Hex color **2F98DF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DF762F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **77CEFF**, and **0065A7** is the 20% darker color. If you saturate the color by 10%, you get **198FDF**, and if you desaturate by 10%, it is **45A1DF**.

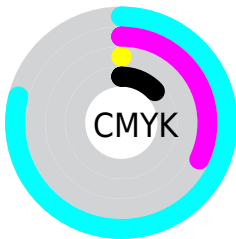
Distribution



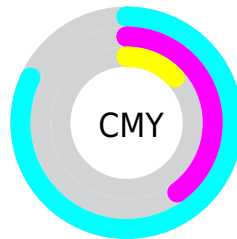
- Red (18%)
- Green (60%)
- Blue (87%)



- Red (18%)
- Yellow (44%)
- Blue (87%)



- Cyan (79%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (82%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F98DF 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 2F98DF by changing the saturation by 10% instead.

 2F98DF

 2F98DF

FFFFFF

 007EC3

 77CEFF

 0065A7

 96E AFF

 004E8D

 B5FFFF

 003773

 D4FFFF

 00235A

 F2FFFF

 000942

 00032B

 000115

 000000

■ 2F98DF

■ 2F98DF

■ 198FDF

■ 45A1DF

■ 0286DF

■ 5CAADF

■ 0085DF

■ 72B3DF

■ 88BCDF

■ 9EC5DF

■ B5CEDF

■ CBD7DF

■ E1E0DF

■ F8E9DF

Harmonies

Analogous

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



00A1CF



2F98DF



868ADA

Triad

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



2F98DF



DB7274



5BA160

Complementary

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



2F98DF



DF762F

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.



8A9846



2F98DF



CD7E53

Square

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



2F98DF



D5719C



B08C41



00A587

Rectangle

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



2F98DF



AB80CB



B08C41



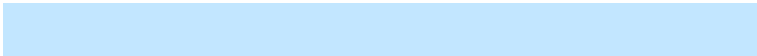
6C9E56

Sweetspot

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



2F98DF



C2E6FF



2FDF75



5B7180



000000



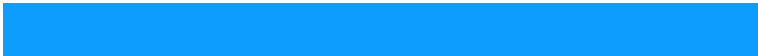
808080

Same Dimension

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



2F98DF



0D9DFF



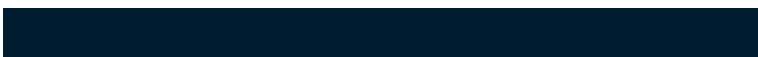
2F41DF



656C70



0069B0



001D30

Inverse Universe

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



DF2F98



FF0D9D



DFCD2F



70656C



B00069



30001D

Previews

White Background



This preview shows how the Hex color 2F98DF looks on a white background.

Color Contrast Check

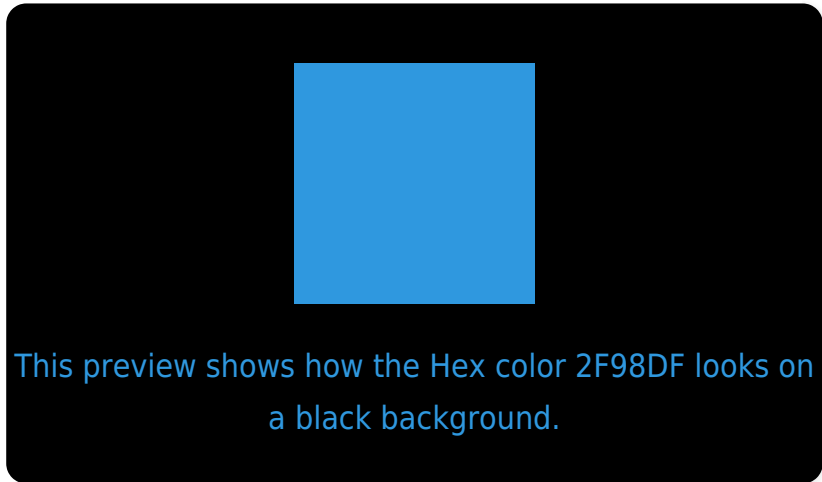
Large Text (above 18pt) WCAG AA ✓ Pass

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

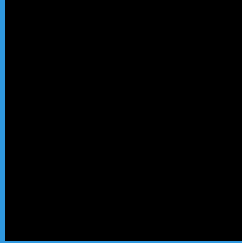
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

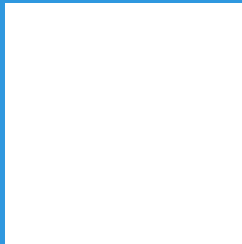
Any Text WCAG AAA × Fail

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

Hex 2F98DF Background



This preview shows how black text looks on a background with the Hex color 2F98DF.



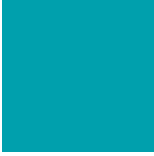
This preview shows how white text looks on a background with the Hex color 2F98DF.

Color Blindness Simulation

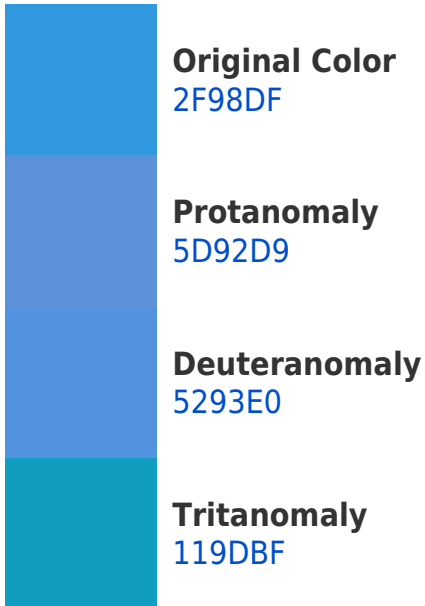
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F98DF 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 #2F98DF looks like.

```
.text, #text, p{  
    color:#2F98DF  
}
```

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 #2F98DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F98DF
}
```

Border

The CSS property to change the border of an element to Hex 2F98DF 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
#2F98DF }
```

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

```
.border{ border-color:#2F98DF }
```

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

Here you see how a box with a 4 pixel #2F98DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F98DF; -webkit-box-shadow:4px 4px  
4px 4px #2F98DF; box-shadow:4px 4px 4px  
4px #2F98DF }
```

Background

The CSS property to change the background color of an element to Hex 2F98DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F98DF }
```

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

```
.background{ background-color:#2F98DF }
```

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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