

# Converting Colors

Hex(2F92DD)

Have a look what the booklet for  
Hex(2F92DD) contains.

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**Color**

**Hex(2F92DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F92DD
RGB	47, 146, 221
RGB Percent	18%, 57%, 87%
CMY	0.8157, 0.4275, 0.1333
CMYK	0.79, 0.34, 0.00, 0.13
HSL	206°, 72%, 53%
HSV	206°, 79%, 87%
XYZ	24.5023, 26.3826, 72.2075
YIQ	124.9490, -83.0790, 2.3370

# Conversions

## Conversions Part 2

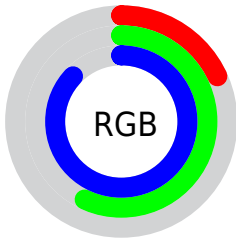
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 110, 221
Decimal	3117789
CIE <sub>Lab</sub>	58.40, -2.46, -46.14
CIE <sub>LCh</sub>	58, 46.202, 266.943
Yxy	26.3826, 0.1991, 0.2143
Android (android.graphics.Color)	4281307869 (0xFF2F92DD)
YUV	124.9490, 47.3531, -68.3613
Hunter-Lab	51.3640, -4.7365, -47.3952

# Details

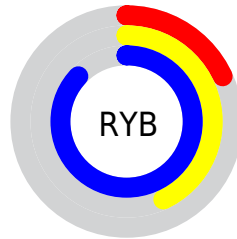
The Hex color **2F92DD** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle washed azure. A complement of this color would be **DD7A2F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **77C8FF**, and **0060A5** is the 20% darker color. If you saturate the color by 10%, you get **1988DD**, and if you desaturate by 10%, it is **459CDD**.

# Distribution



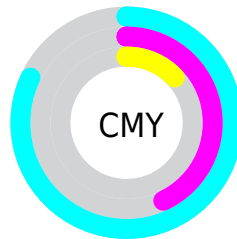
- Red (18%)
- Green (57%)
- Blue (87%)



- Red (18%)
- Yellow (43%)
- Blue (87%)



- Cyan (79%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (82%)
- Magenta (43%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F92DD 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 2F92DD by changing the saturation by 10% instead.



■ 2F92DD

■ 2F92DD

FFFFFF

■ 0078C1

■ 77C8FF

■ 0060A5

■ 96E4FF

■ 00498B

■ B4FFFF

■ 003371

■ D3FFFF

■ 001F58

■ F1FFFF

■ 000740

■ 000329

■ 000113

■ 000000

■ 2F92DD

■ 2F92DD

■ 1988DD

■ 459CDD

■ 037FDD

■ 5BA5DD

■ 007EDD

■ 71AFDD

■ 87B8DD

■ 9DC2DD

■ B4CBDD

■ CAD5DD

■ E0DEDD

■ F6E8DD

# Harmonies

## Analogous

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



009CCF



2F92DD



8883D5

# Triad

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



2F92DD



D76D6A



4C9D5F

# Complementary

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



2F92DD



DD7A2F

# 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.



7F9541



2F92DD



C67A49

# Square

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



2F92DD



D46A92



A78938



00A087

# Rectangle

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



2F92DD



AC79C4



A78938



5F9B53

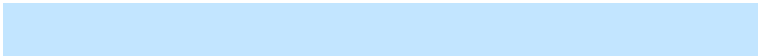


# Sweetspot

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



2F92DD



C2E5FF



2FDD78



5B7080



000000



808080



# Same Dimension

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



2F92DD



0F98FF



2F3DDD



63696E



0063AD



001A2E



# Inverse Universe

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



DD2F92



FF0F98



DDCF2F



6E6369



AD0063



2E001A



# Previews

## White Background



This preview shows how the Hex color 2F92DD looks on a white background.

## Color Contrast Check

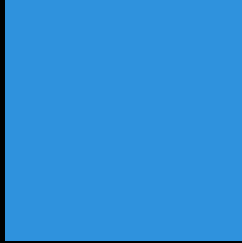
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F92DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

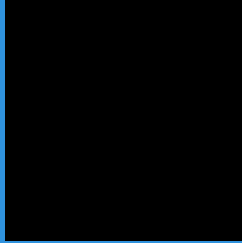
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

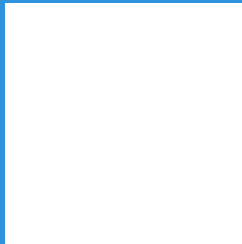
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F92DD Background



This preview shows how black text looks on a background with the Hex color 2F92DD.

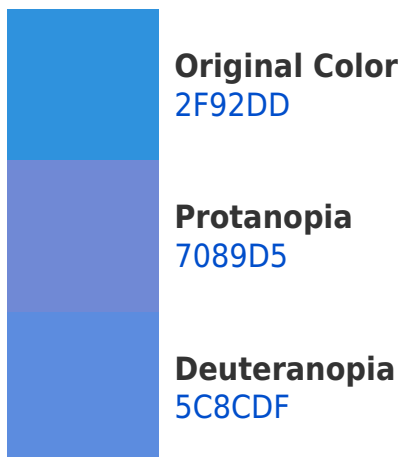


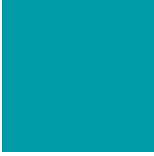
This preview shows how white text looks on a background with the Hex color 2F92DD.

# 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](#).

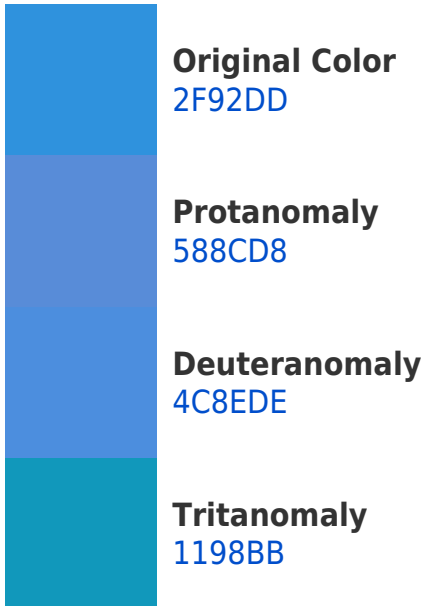
## Dichromacy



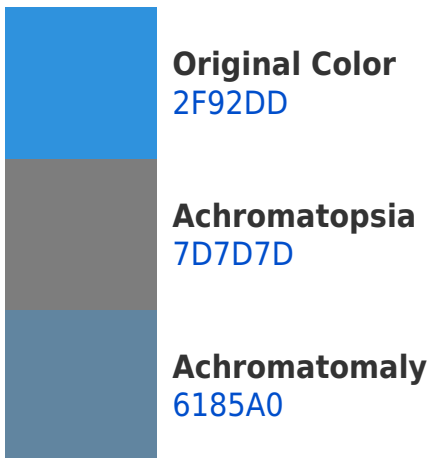


**Tritanopia**  
009BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F92DD 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 #2F92DD looks like.

```
.text, #text, p{  
    color:#2F92DD  
}
```

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 #2F92DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F92DD
}
```

## Border

The CSS property to change the border of an element to Hex 2F92DD 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
#2F92DD }
```

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

```
.border{ border-color:#2F92DD }
```

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

Here you see how a box with a 4 pixel #2F92DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F92DD; -webkit-box-shadow:4px 4px  
4px 4px #2F92DD; box-shadow:4px 4px 4px  
4px #2F92DD }
```

# Background

The CSS property to change the background color of an element to Hex 2F92DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F92DD }
```

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

```
.background{ background-color:#2F92DD }
```

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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