

Converting Colors

Hex(2F86DD)

Have a look what the booklet for
Hex(2F86DD) contains.

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Color

Hex(2F86DD)

Conversions

Conversions Part 1

Format	Color
Hex	2F86DD
RGB	47, 134, 221
RGB Percent	18%, 53%, 87%
CMY	0.8157, 0.4745, 0.1333
CMYK	0.79, 0.39, 0.00, 0.13
HSL	210°, 72%, 53%
HSV	210°, 79%, 87%
XYZ	22.7485, 22.8750, 71.6230
YIQ	117.9050, -79.7790, 8.6130

Conversions

Conversions Part 2

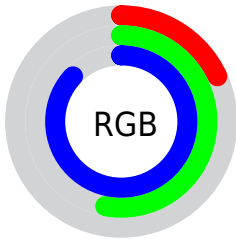
Format	Color
R_{YB}	47, 105, 221
Decimal	3114717
CIE _{Lab}	54.94, 4.65, -51.62
CIE _{LCh}	55, 51.831, 275.145
Yxy	22.8750, 0.1940, 0.1951
Android (android.graphics.Color)	4281304797 (0xFF2F86DD)
YUV	117.9050, 50.8258, -62.1837
Hunter-Lab	47.8278, 1.2020, -55.3083




Details

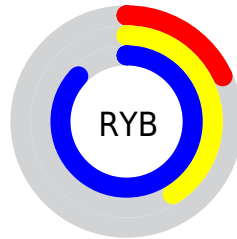
The Hex color **2F86DD** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DD862F**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **76BBFF**, and **0055A5** is the 20% darker color. If you saturate the color by 10%, you get **197BDD**, and if you desaturate by 10%, it is **4591DD**.

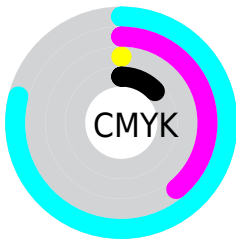
Distribution







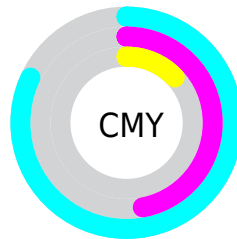
-  Red (18%)
-  Green (53%)
-  Blue (87%)






-  Red (18%)
-  Yellow (41%)
-  Blue (87%)



-  Cyan (79%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (82%)
-  Magenta (47%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F86DD 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 2F86DD by changing the saturation by 10% instead.

■ 2F86DD

■ 2F86DD

FFFFFF

■ 006DC1

■ 76BBFF

■ 0055A5

■ 95D6FF

■ 003F8A

■ B4F3FF

■ 002A71

■ D3FFFF

■ 001657

■ F1FFFF

■ 00073F

■ 000329

■ 000112

■ 000000

■ 2F86DD

■ 2F86DD

■ 197BDD

■ 4591DD

■ 0370DD

■ 5B9CDD

■ 006FDD

■ 71A7DD

■ 87B2DD

■ 9DBDDD

■ B4C8DD

■ CAD3DD

■ E0DEDD

■ F6E9DD

Harmonies

Analogous

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



0092D4



2F86DD



8F74CD

Triad

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



2F86DD



D16252



13965C

Complementary

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



2F86DD



DD862F

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.



669035



2F86DD



B97330

Square

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



2F86DD



D55A7E



948422



00998A

Rectangle

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



2F86DD



B368B7



948422



3B954E

Sweetspot

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



2F86DD



C2E0FF



2FDD86



5B6D80



000000



808080

Same Dimension

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



2F86DD



0F87FF



2F2FDD



63686E



0057AD



00172E

Inverse Universe

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



DD2F86



FF0F87



DDDD2F



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 2F86DD looks on a white background.

Color Contrast Check

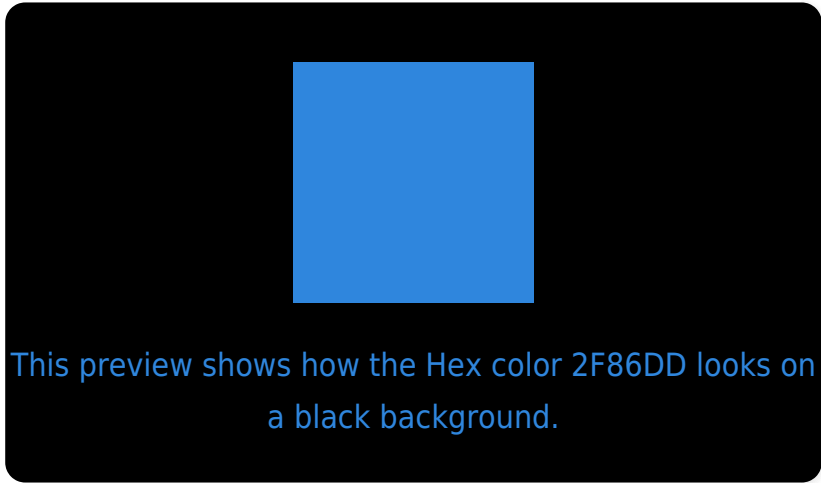
Large Text (above 18pt) WCAG AA ✓ Pass

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

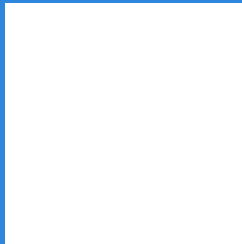
Any Text WCAG AAA × Fail

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

Hex 2F86DD Background



This preview shows how black text looks on a background with the Hex color 2F86DD.

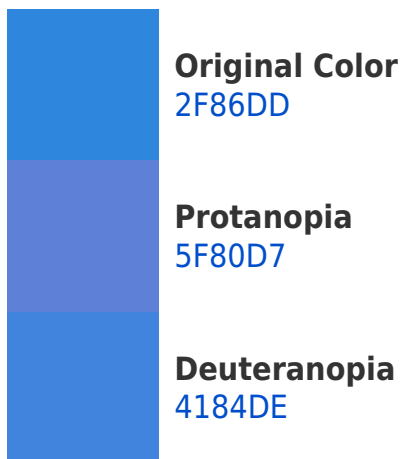


This preview shows how white text looks on a background with the Hex color 2F86DD.

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](#).

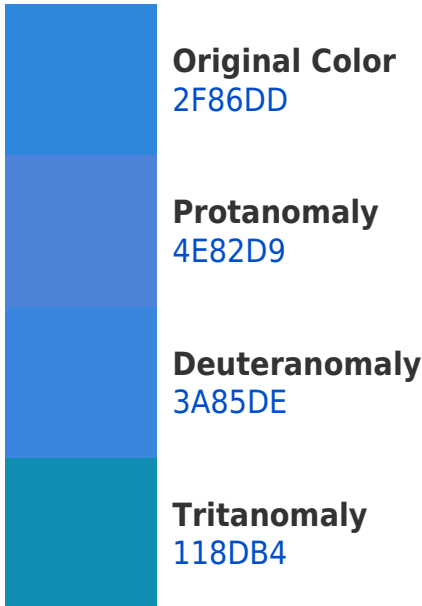
Dichromacy



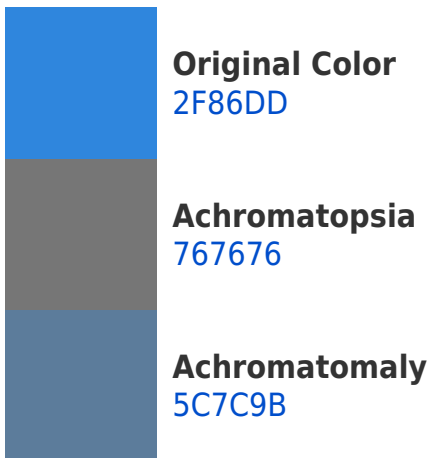


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F86DD 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 #2F86DD looks like.

```
.text, #text, p{  
    color:#2F86DD  
}
```

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 #2F86DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F86DD
}
```

Border

The CSS property to change the border of an element to Hex 2F86DD 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
#2F86DD }
```

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

```
.border{ border-color:#2F86DD }
```

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

Here you see how a box with a 4 pixel #2F86DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F86DD; -webkit-box-shadow:4px 4px  
4px 4px #2F86DD; box-shadow:4px 4px 4px  
4px #2F86DD }
```

Background

The CSS property to change the background color of an element to Hex 2F86DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F86DD }
```

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

```
.background{ background-color:#2F86DD }
```

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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