

Converting Colors

Hex(2F96DB)

Have a look what the booklet for
Hex(2F96DB) contains.

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Color

Hex(2F96DB)

Conversions

Conversions Part 1

Format	Color
Hex	2F96DB
RGB	47, 150, 219
RGB Percent	18%, 59%, 86%
CMY	0.8157, 0.4118, 0.1412
CMYK	0.79, 0.32, 0.00, 0.14
HSL	204°, 70%, 52%
HSV	204°, 79%, 86%
XYZ	24.8648, 27.5315, 71.0214
YIQ	127.0690, -83.5370, -0.3770

Conversions

Conversions Part 2

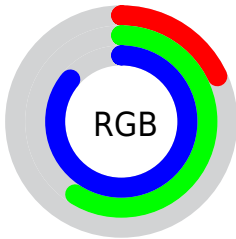
Format	Color
R_{YB}	47, 111, 219
Decimal	3118811
CIE _{Lab}	59.46, -5.49, -43.34
CIE _{LCh}	59, 43.687, 262.779
Yxy	27.5315, 0.2015, 0.2231
Android (android.graphics.Color)	4281308891 (0xFF2F96DB)
YUV	127.0690, 45.3220, -70.2205
Hunter-Lab	52.4705, -7.2354, -43.5227

Details

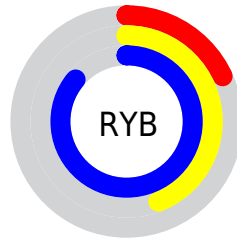
The Hex color **2F96DB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DB742F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **76CCFF**, and **0064A4** is the 20% darker color. If you saturate the color by 10%, you get **198DDB**, and if you desaturate by 10%, it is **459FDB**.

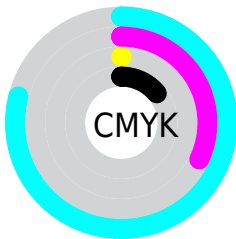
Distribution



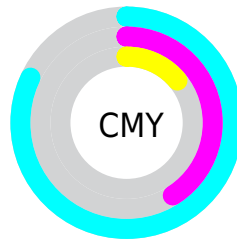
- Red (18%)
- Green (59%)
- Blue (86%)



- Red (18%)
- Yellow (44%)
- Blue (86%)



- Cyan (79%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (82%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F96DB 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 2F96DB by changing the saturation by 10% instead.

 2F96DB

 2F96DB

FFFFFF

 007CBF

 76CCFF

 0064A4

 95E8FF

 004C89

 B4FFFF

 00366F

 D2FFFF

 002156

 F1FFFF

 00063F

 000328

 000112

 000000

■ 2F96DB

■ 2F96DB

■ 198DDB

■ 459FDB

■ 0384DB

■ 5BA8DB

■ 0083DB

■ 71B0DB

■ 87B9DB

■ 9DC2DB

■ B2CBDB

■ C8D3DB

■ DEDCDB

■ F4E5DB

Harmonies

Analogous

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



009FCB



2F96DB



8389D6

Triad

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



2F96DB



D77174



5B9E5F

Complementary

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



2F96DB



DB742F

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.



899646



2F96DB



CA7C53

Square

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



2F96DB



D2709A



AE8A41



00A284

Rectangle

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



2F96DB



A87FC8



AE8A41



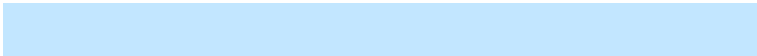
6C9C55

Sweetspot

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



2F96DB



C2E6FF



2FDB74



5B7180



000000



808080

Same Dimension

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



2F96DB



0F9FFF



2F40DB



63696E



0068AD



001B2E

Inverse Universe

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



DB2F96



FF0F9F



DBCA2F



6E6369



AD0068



2E001B

Previews

White Background



This preview shows how the Hex color 2F96DB 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 2F96DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

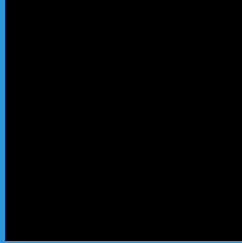
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

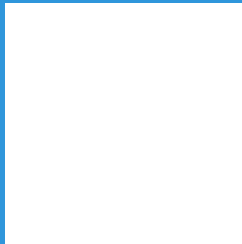
Any Text WCAG AAA × Fail

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

Hex 2F96DB Background



This preview shows how black text looks on a background with the Hex color 2F96DB.

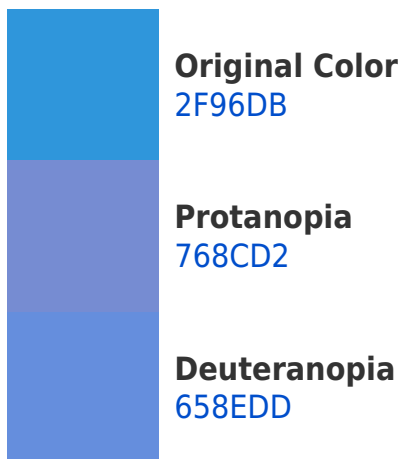


This preview shows how white text looks on a background with the Hex color 2F96DB.

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](#).

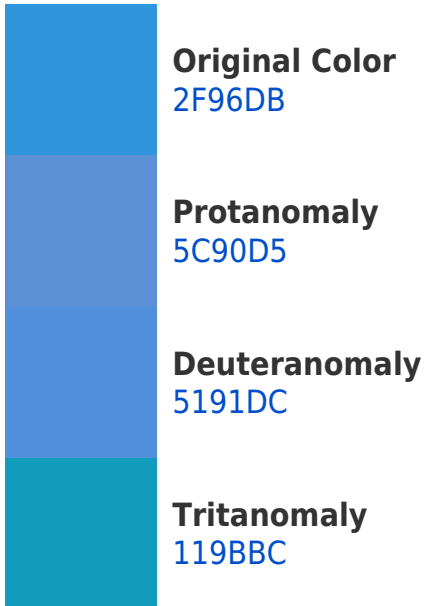
Dichromacy



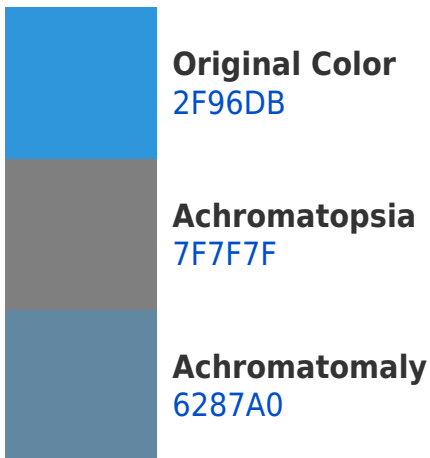


Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F96DB 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 #2F96DB looks like.

```
.text, #text, p{  
    color:#2F96DB  
}
```

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 #2F96DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F96DB
}
```

Border

The CSS property to change the border of an element to Hex 2F96DB 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
#2F96DB }
```

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

```
.border{ border-color:#2F96DB }
```

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

Here you see how a box with a 4 pixel #2F96DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F96DB; -webkit-box-shadow:4px 4px  
4px 4px #2F96DB; box-shadow:4px 4px 4px  
4px #2F96DB }
```

Background

The CSS property to change the background color of an element to Hex 2F96DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F96DB }
```

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

```
.background{ background-color:#2F96DB }
```

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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