

# Converting Colors

Hex(2F85DE)

Have a look what the booklet for  
Hex(2F85DE) contains.

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# Color

**Hex(2F85DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F85DE
RGB	47, 133, 222
RGB Percent	18%, 52%, 87%
CMY	0.8157, 0.4784, 0.1294
CMYK	0.79, 0.40, 0.00, 0.13
HSL	211°, 73%, 53%
HSV	211°, 79%, 87%
XYZ	22.7446, 22.6533, 72.2810
YIQ	117.4320, -79.8250, 9.4470

# Conversions

## Conversions Part 2

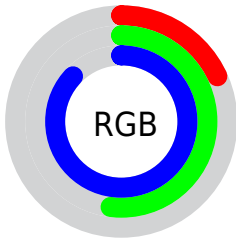
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 105, 222
Decimal	3114462
CIE <sub>Lab</sub>	54.71, 5.62, -52.55
CIE <sub>LCh</sub>	55, 52.849, 276.106
Yxy	22.6533, 0.1933, 0.1925
Android (android.graphics.Color)	4281304542 (0xFF2F85DE)
YUV	117.4320, 51.5520, -61.7689
Hunter-Lab	47.5955, 2.0083, -56.7240




# Details

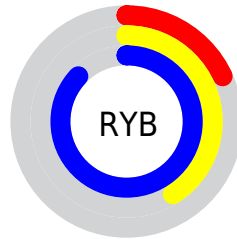
The Hex color **2F85DE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DE882F**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **77BAFF**, and **0054A6** is the 20% darker color. If you saturate the color by 10%, you get **197ADE**, and if you desaturate by 10%, it is **4590DE**.

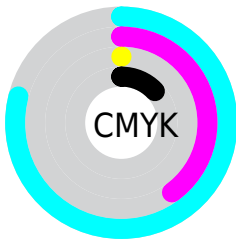
# Distribution







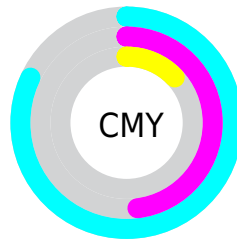
-  Red (18%)
-  Green (52%)
-  Blue (87%)






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



-  Cyan (79%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (82%)
-  Magenta (48%)
-  Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F85DE 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 2F85DE by changing the saturation by 10% instead.



■ 2F85DE

■ 2F85DE

FFFFFF

■ 006CC2

■ 77BAFF

■ 0054A6

■ 96D5FF

■ 003E8B

■ B4F1FF

■ 002971

■ D3FFFF

■ 001558

■ F2FFFF

■ 000740

■ 000329

■ 000113

■ 000000

■ 2F85DE

■ 2F85DE

■ 197ADE

■ 4590DE

■ 036EDE

■ 5B9CDE

■ 006DDE

■ 72A7DE

■ 88B2DE

■ 9EBDDE

■ B4C9DE

■ CAD4DE

■ E1DFDE

■ F7EBDE

# Harmonies

## Analogous

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



0091D6



2F85DE



9173CD

# Triad

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



2F85DE



D1614F



00965C

# Complementary

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



2F85DE



DE882F

# 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.



628F34



2F85DE



B8732D

# Square

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



2F85DE



D6587B



92841E



00998B

# Rectangle

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



2F85DE



B566B7



92841E



35954D

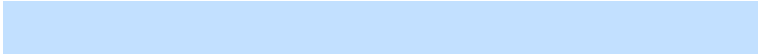


# Sweetspot

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



2F85DE



C2E0FF



2FDE87



5B6D80



000000



808080



# Same Dimension

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



2F85DE



0D84FF



2F2FDE



656A70



0056B0



001830



# Inverse Universe

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



DE2F85



FF0D84



DEDE2F



70656A



B00056

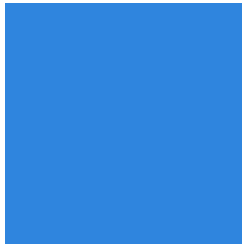


300018



# Previews

## White Background



This preview shows how the Hex color 2F85DE 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 2F85DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

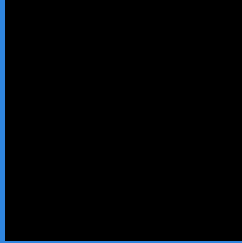
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

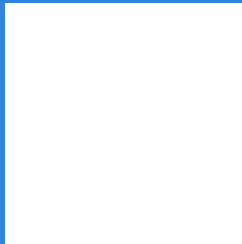
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F85DE Background



This preview shows how black text looks on a background with the Hex color 2F85DE.

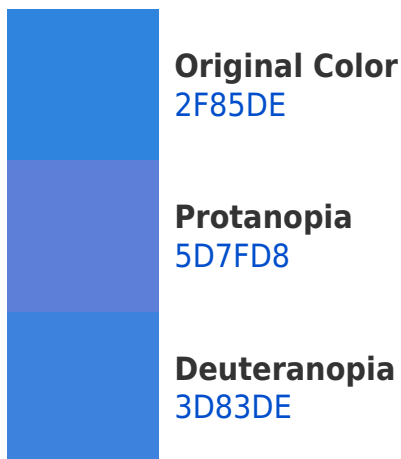


This preview shows how white text looks on a background with the Hex color 2F85DE.

# 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](#).

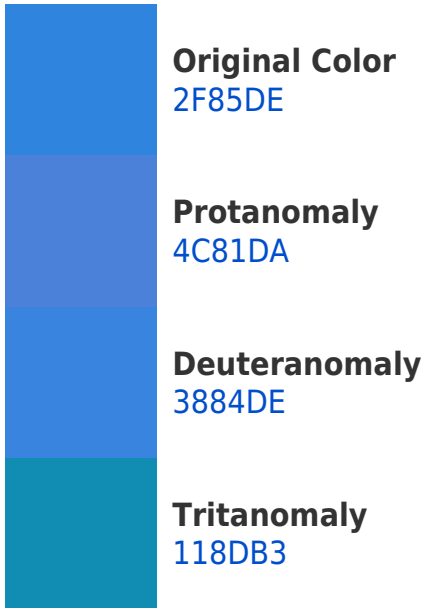
## Dichromacy



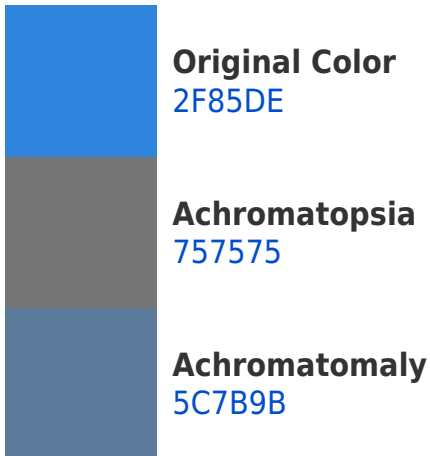


**Tritanopia**  
00919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F85DE 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 #2F85DE looks like.

```
.text, #text, p{  
    color:#2F85DE  
}
```

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 #2F85DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F85DE
}
```

## Border

The CSS property to change the border of an element to Hex 2F85DE 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
#2F85DE }
```

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

```
.border{ border-color:#2F85DE }
```

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

Here you see how a box with a 4 pixel #2F85DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F85DE; -webkit-box-shadow:4px 4px  
4px 4px #2F85DE; box-shadow:4px 4px 4px  
4px #2F85DE }
```

# Background

The CSS property to change the background color of an element to Hex 2F85DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F85DE }
```

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

```
.background{ background-color:#2F85DE }
```

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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