

# Converting Colors

Hex(5D86F4)

Have a look what the booklet for  
Hex(5D86F4) contains.

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# **Color**

**Hex(5D86F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D86F4
RGB	93, 134, 244
RGB Percent	36%, 53%, 96%
CMY	0.6353, 0.4745, 0.0431
CMYK	0.62, 0.45, 0.00, 0.04
HSL	224°, 87%, 66%
HSV	224°, 62%, 96%
XYZ	29.3684, 25.9090, 89.0410
YIQ	134.2810, -59.7460, 25.5180

# Conversions

## Conversions Part 2

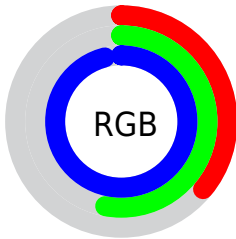
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">93, 125, 244</a>
Decimal	<a href="#">6129396</a>
CIELab	<a href="#">57.95, 19.27, -59.53</a>
CIELCh	<a href="#">58, 62.570, 287.941</a>
Yxy	<a href="#">25.9090, 0.2035, 0.1795</a>
Android (android.graphics.Color)	<a href="#">4284319476</a> ( <a href="#">0xFF5D86F4</a> )
YUV	<a href="#">134.2810, 54.0915, -36.2034</a>
Hunter-Lab	<a href="#">50.9009, 13.9131, -68.0855</a>

# Details

The Hex color **5D86F4** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F4CB5D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9BBBFF**, and **0055BB** is the 20% darker color. If you saturate the color by 10%, you get **4574F4**, and if you desaturate by 10%, it is **7598F4**.

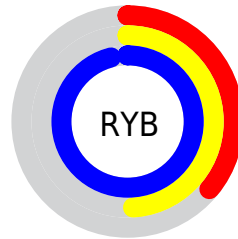
# Distribution



Red (36%)

Green (53%)

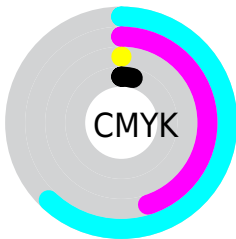
Blue (96%)



Red (36%)

Yellow (49%)

Blue (96%)

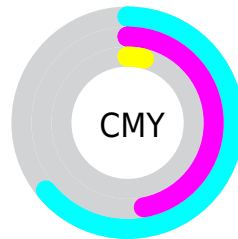


Cyan (62%)

Magenta (45%)

Yellow (0%)

Black (4%)



Cyan (64%)

Magenta (47%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D86F4 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 5D86F4 by changing the saturation by 10% instead.



 5D86F4

 5D86F4

FFFFFF

 3A6DD7

 9BBBFF

 0055BB

 B9D6FF

 003F9F

 D7F3FF

 002A85

 F6FFFF

 00176B

 000352

 00053A

 000223

 00000A

■ 5D86F4

■ 5D86F4

■ 4574F4

■ 7598F4

■ 2C62F4

■ 8EAAF4

■ 1451F4

■ A6BBF4

■ 0042F4

■ BFCDF4

■ D7DFF4

■ EFF1F4

■ FFFFF4

# Harmonies

## Analogous

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



0098F6



5D86F4



B76ED5

# Triad

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



5D86F4



DD6A3B



00A373

# Complementary

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



5D86F4



F4CB5D

# 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.



439E3C



5D86F4



B8810E

# Square

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



5D86F4



ED576D



87930C



00A5AB

# Rectangle

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



5D86F4



D85EB6



87930C



00A260



# Sweetspot

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



5D86F4



CFDCFF



5DF4C9



626A80



000000



808080



# Same Dimension

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



5D86F4



4276FF



7E5DF4



6E717A



0033BA



00103B



# Inverse Universe

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



F45D86



FF4276



D3F45D



7A6E71



BA0033

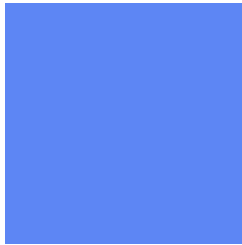


3B0010



# Previews

## White Background



This preview shows how the Hex color 5D86F4 looks on a white background.

## Color Contrast Check

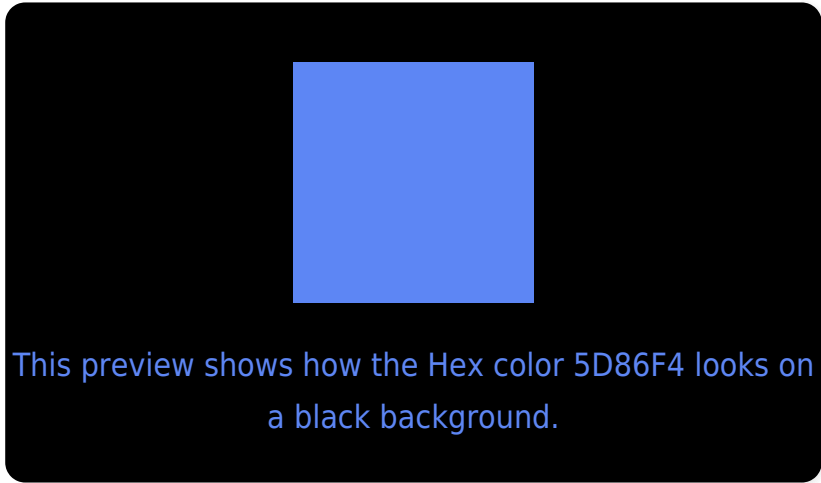
Large Text (above 18pt) WCAG AA ✓ Pass

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

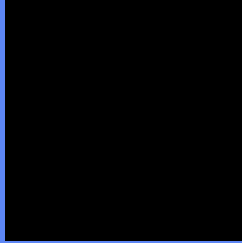
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

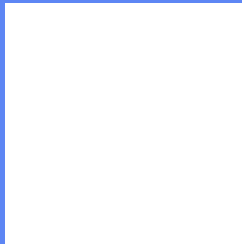
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D86F4 Background



This preview shows how black text looks on a background with the Hex color 5D86F4.



This preview shows how white text looks on a background with the Hex color 5D86F4.

# 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](#).

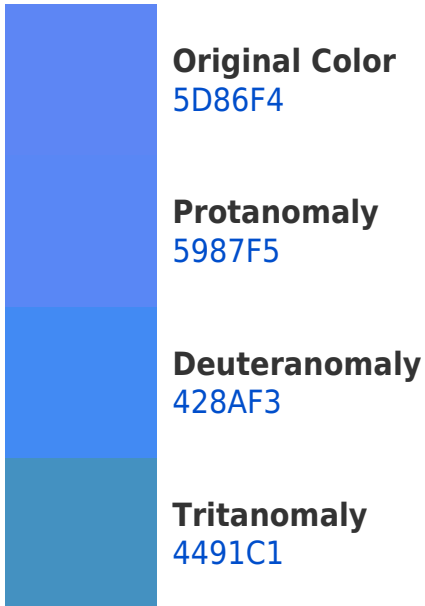
## Dichromacy





**Tritanopia**  
3598A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D86F4 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 #5D86F4 looks like.

```
.text, #text, p{  
    color:#5D86F4  
}
```

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 #5D86F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D86F4
}
```

## Border

The CSS property to change the border of an element to Hex 5D86F4 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
#5D86F4 }
```

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

```
.border{ border-color:#5D86F4 }
```

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

Here you see how a box with a 4 pixel #5D86F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D86F4; -webkit-box-shadow:4px 4px  
4px 4px #5D86F4; box-shadow:4px 4px 4px  
4px #5D86F4 }
```

# Background

The CSS property to change the background color of an element to Hex 5D86F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D86F4 }
```

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

```
.background{ background-color:#5D86F4 }
```

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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