

# Converting Colors

Hex(5D75F2)

Have a look what the booklet for  
Hex(5D75F2) contains.

|  |    |
|--|----|
| <b>Hex(5D75F2)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(5D75F2)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5D75F2                      |
| RGB         | 93, 117, 242                |
| RGB Percent | 36%, 46%, 95%               |
| CMY         | 0.6353, 0.5412, 0.0510      |
| CMYK        | 0.62, 0.52, 0.00, 0.05      |
| HSL         | 230°, 85%, 66%              |
| HSV         | 230°, 62%, 95%              |
| XYZ         | 26.9025, 21.4605, 86.7288   |
| YIQ         | 124.0740, -54.4290, 33.7870 |

# Conversions

## Conversions Part 2

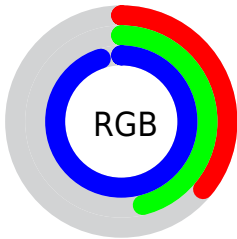
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 93, 114, 242                   |
| Decimal                             | 6125042                        |
| CIE Lab                             | 53.45, 28.93, -65.65           |
| CIE LCh                             | 53, 71.747, 293.784            |
| Yxy                                 | 21.4605, 0.1991,<br>0.1589     |
| Android<br>(android.graphics.Color) | 4284315122<br>(0xFF5D75F2)     |
| YUV                                 | 124.0740, 58.1375,<br>-27.2519 |
| Hunter-Lab                          | 46.3255, 22.5902,<br>-78.5725  |

# Details

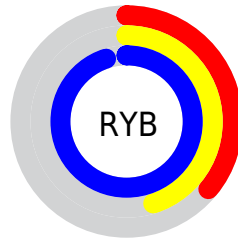
The Hex color **5D75F2** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **F2DA5D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9BA9FF**, and **0045B9** is the 20% darker color. If you saturate the color by 10%, you get **4561F2**, and if you desaturate by 10%, it is **7589F2**.

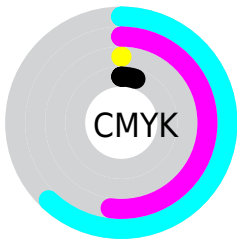
# Distribution



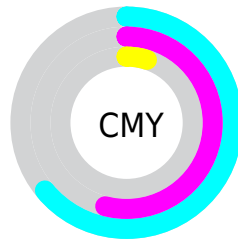
- Red (36%)
- Green (46%)
- Blue (95%)



- Red (36%)
- Yellow (45%)
- Blue (95%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)



- Cyan (64%)
- Magenta (54%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D75F2 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 5D75F2 by changing the saturation by 10% instead.



 5D75F2

 5D75F2

FFFFFF

 3A5DD5

 9BA9FF

 0045B9

 B9C4FF

 00309D

 D8E0FF

 001C83

 F6FCFF

 000769

 000A4F

 000538

 000221

 000006

■ 5D75F2

■ 5D75F2

■ 4561F2

■ 7589F2

■ 2D4CF2

■ 8D9EF2

■ 1438F2

■ A6B2F2

■ 0027F2

■ BEC6F2

■ D6DBF2

■ EEEFF2

■ FFFFF2

# Harmonies

## Analogous

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



008BFC



5D75F2



BC55CA

# Triad

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



5D75F2



D15D14



009A70

# Complementary

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



5D75F2



F2DA5D

# 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.



00952F



5D75F2



A57900

# Square

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



5D75F2



E93E52



6B8B00



009BB0

# Rectangle

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



5D75F2



DC3FA4



6B8B00



00995B



# Sweetspot

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



5D75F2



D1D8FF



5DF2D9



636880



000000



808080



# Same Dimension

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



5D75F2



4261FF



8F5DF2



6C6E78



001EB8



000938



# Inverse Universe

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



F25D75



FF4261



C0F25D



786C6E



B8001E

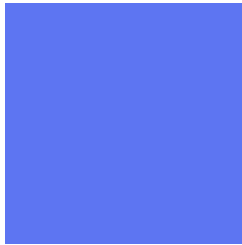


380009



# Previews

## White Background



This preview shows how the Hex color 5D75F2 looks on a white background.

## Color Contrast Check

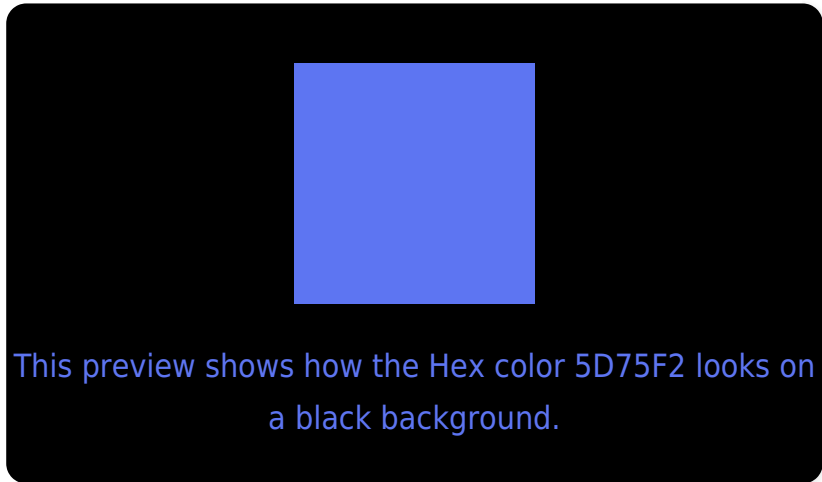
Large Text (above 18pt) WCAG AA ✓ Pass

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

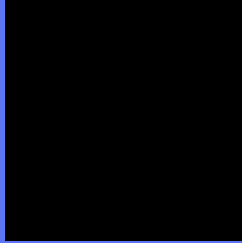
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D75F2 Background



This preview shows how black text looks on a background with the Hex color 5D75F2.



This preview shows how white text looks on a background with the Hex color 5D75F2.

# 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



**Original Color**  
5D75F2

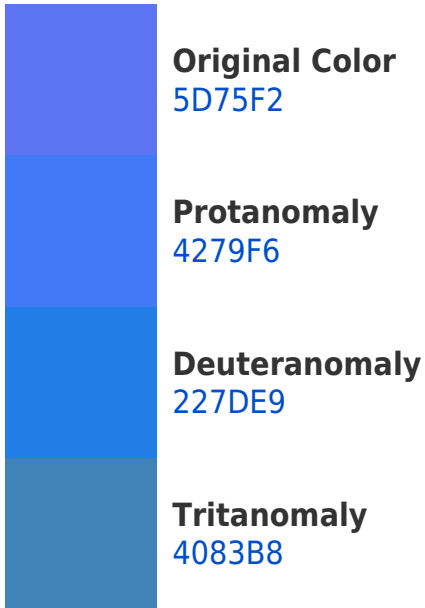
**Protanopia**  
327BF8

**Deuteranopia**  
0082E4

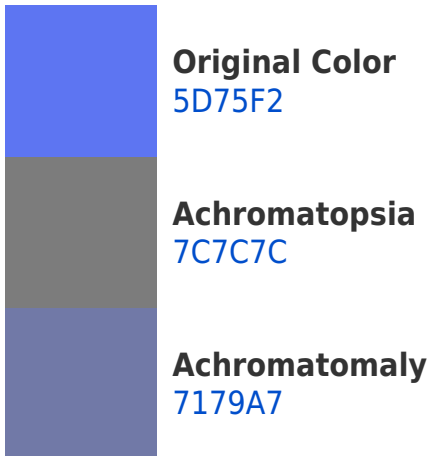


**Tritanopia**  
2F8B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D75F2 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 #5D75F2 looks like.

```
.text, #text, p{  
    color:#5D75F2  
}
```

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 #5D75F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D75F2
}
```

## Border

The CSS property to change the border of an element to Hex 5D75F2 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
#5D75F2 }
```

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

```
.border{ border-color:#5D75F2 }
```

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

Here you see how a box with a 4 pixel #5D75F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D75F2; -webkit-box-shadow:4px 4px  
4px 4px #5D75F2; box-shadow:4px 4px 4px  
4px #5D75F2 }
```

# Background

The CSS property to change the background color of an element to Hex 5D75F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D75F2 }
```

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

```
.background{ background-color:#5D75F2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor