

Converting Colors

Hex(5D7FE4)

Have a look what the booklet for
Hex(5D7FE4) contains.

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Color

Hex(5D7FE4)

Conversions

Conversions Part 1

Format	Color
Hex	5D7FE4
RGB	93, 127, 228
RGB Percent	36%, 50%, 89%
CMY	0.6353, 0.5020, 0.1059
CMYK	0.59, 0.44, 0.00, 0.11
HSL	225°, 71%, 63%
HSV	225°, 59%, 89%
XYZ	26.1072, 23.1073, 76.4830
YIQ	128.3480, -52.6850, 24.2030

Conversions

Conversions Part 2

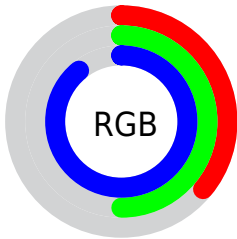
Format	Color
R_{YB}	93, 120, 228
Decimal	6127588
CIE _{Lab}	55.18, 18.20, -55.06
CIE _{LCh}	55, 57.987, 288.290
Yxy	23.1073, 0.2077, 0.1838
Android (android.graphics.Color)	4284317668 (0xFF5D7FE4)
YUV	128.3480, 49.1284, -31.0002
Hunter-Lab	48.0701, 12.8218, -60.6856

Details

The Hex color **5D7FE4** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **E4C25D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **99B3FF**, and **0D4FAC** is the 20% darker color. If you saturate the color by 10%, you get **466EE4**, and if you desaturate by 10%, it is **7490E4**.

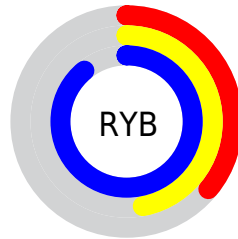
Distribution



Red (36%)

Green (50%)

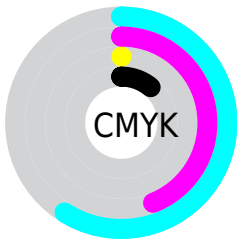
Blue (89%)



Red (36%)

Yellow (47%)

Blue (89%)

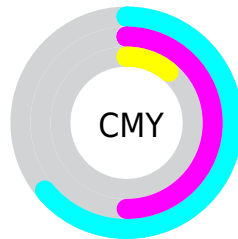


Cyan (59%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (50%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7FE4 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 5D7FE4 by changing the saturation by 10% instead.

■ 5D7FE4

■ 5D7FE4

FFFFFF

■ 3C66C8

■ 99B3FF

■ 0D4FAC

■ B6CFFF

■ 003891

■ D4EBFF

■ 002477

■ F2FFFF

■ 00115D

■ 000845

■ 00032D

■ 000118

■ 000000

■ 5D7FE4

■ 5D7FE4

■ 466EE4

■ 7490E4

■ 2F5DE4

■ 8BA1E4

■ 194CE4

■ A1B2E4

■ 023BE4

■ B8C3E4

■ 0039E4

■ CFD4E4

■ E6E5E4

■ FDF6E4

■ FFFFE4

Harmonies

Analogous

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



0090E7



5D7FE4



AD69C8

Triad

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



5D7FE4



CF663A



009B6E

Complementary

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



5D7FE4



E4C25D

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.



43953D



5D7FE4



AE7B16

Square

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



5D7FE4



DF5568



808B15



009CA2

Rectangle

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



5D7FE4



CB5BAA



808B15



00995D

Sweetspot

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



5D7FE4



D1DDFF



5DE4C0



636B80



000000



808080

Same Dimension

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



5D7FE4



4A78FF



7D5DE4



676A73



002DB3



000D33

Inverse Universe

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



E45D7F



FF4A78



C5E45D



73676A



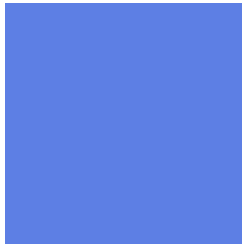
B3002D



33000D

Previews

White Background



This preview shows how the Hex color 5D7FE4 looks on a white background.

Color Contrast Check

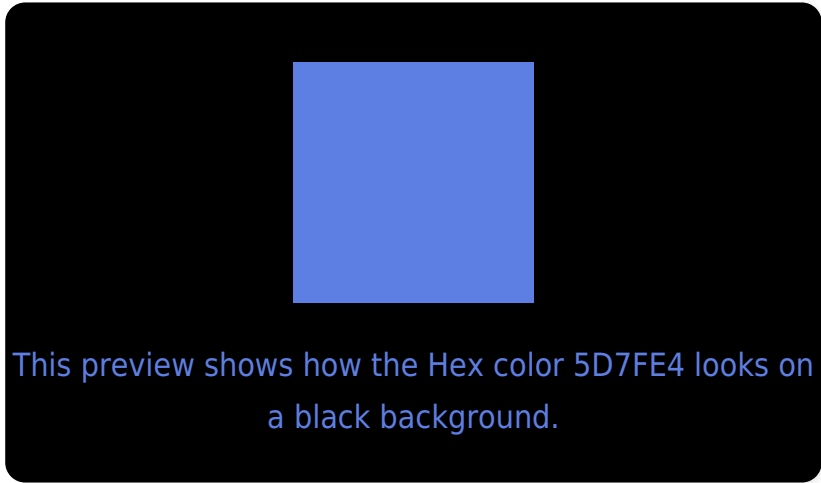
Large Text (above 18pt) WCAG AA ✓ Pass

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

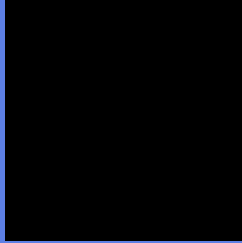
Any Text WCAG AA ✓ Pass

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 5D7FE4 Background



This preview shows how black text looks on a background with the Hex color 5D7FE4.

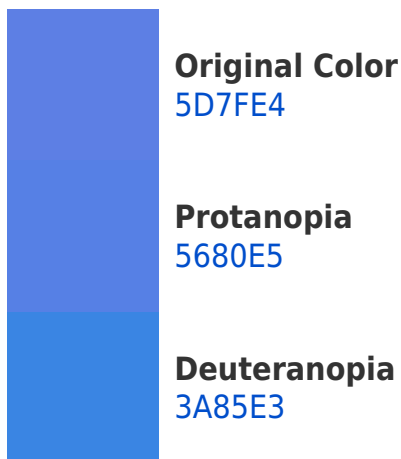


This preview shows how white text looks on a background with the Hex color 5D7FE4.

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](#).

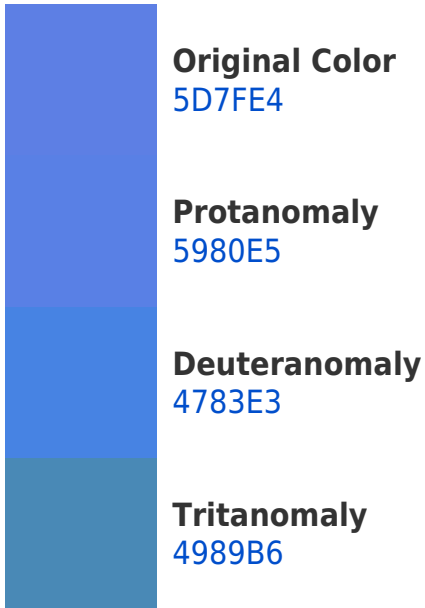
Dichromacy





Tritanopia
3D8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7FE4 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 #5D7FE4 looks like.

```
.text, #text, p{  
    color:#5D7FE4  
}
```

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 #5D7FE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7FE4
}
```

Border

The CSS property to change the border of an element to Hex 5D7FE4 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
#5D7FE4 }
```

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

```
.border{ border-color:#5D7FE4 }
```

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

Here you see how a box with a 4 pixel #5D7FE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7FE4; -webkit-box-shadow:4px 4px  
4px 4px #5D7FE4; box-shadow:4px 4px 4px  
4px #5D7FE4 }
```

Background

The CSS property to change the background color of an element to Hex 5D7FE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7FE4 }
```

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

```
.background{ background-color:#5D7FE4 }
```

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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