

Converting Colors

Hex(5D5DEF)

Have a look what the booklet for
Hex(5D5DEF) contains.

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Color

Hex(5D5DEF)

Conversions

Conversions Part 1

Format	Color
Hex	5D5DEF
RGB	93, 93, 239
RGB Percent	36%, 36%, 94%
CMY	0.6353, 0.6353, 0.0627
CMYK	0.61, 0.61, 0.00, 0.06
HSL	240°, 82%, 65%
HSV	240°, 61%, 94%
XYZ	24.0085, 16.3879, 83.5591
YIQ	109.6440, -46.8660, 45.4060

Conversions

Conversions Part 2

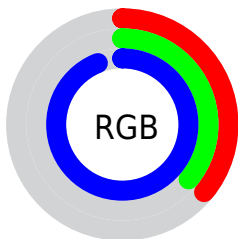
Format	Color
R_{YB}	93, 93, 239
Decimal	6118895
CIE _{Lab}	47.48, 42.45, -73.66
CIE _{LCh}	47, 85.017, 299.954
Yxy	16.3879, 0.1937, 0.1322
Android (android.graphics.Color)	4284308975 (0xFF5D5DEF)
YUV	109.6440, 63.7725, -14.5968
Hunter-Lab	40.4819, 35.0193, -94.0438

Details

The Hex color **5D5DEF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **EFEF5D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9C90FF**, and **002EB6** is the 20% darker color. If you saturate the color by 10%, you get **4545EF**, and if you desaturate by 10%, it is **7575EF**.

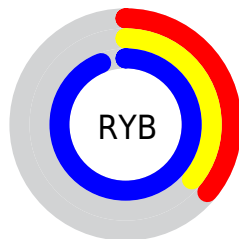
Distribution



Red (36%)

Green (36%)

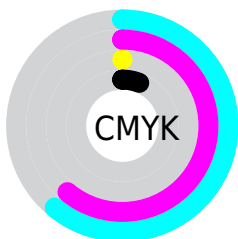
Blue (94%)



Red (36%)

Yellow (36%)

Blue (94%)

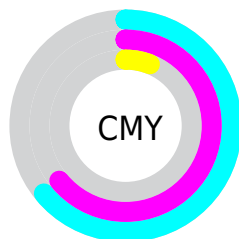


Cyan (61%)

Magenta (61%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (64%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5DEF 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 5D5DEF by changing the saturation by 10% instead.

■ 5D5DEF

■ 5D5DEF

FFFFFF

■ 3945D2

■ 9C90FF

■ 002EB6

■ BAAAFF

■ 00199A

■ D9C6FF

■ 00077F

■ F8E2FF

■ 000065

■ 00094C

■ 000535

■ 00021E

■ 000001

■ 5D5DEF

■ 5D5DEF

■ 4545EF

■ 7575EF

■ 2D2DEF

■ 8D8DEF

■ 1515EF

■ A5A5EF

■ 0000EF

■ BDBDEF

■ D4D4EF

■ ECECEF

■ FFFFEF

Harmonies

Analogous

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



007BFF



5D5DEF



C225BA

Triad

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



5D5DEF



C04D00



008D6F

Complementary

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



5D5DEF



EFEF5D

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.



00891E



5D5DEF



8A6E00

Square

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



5D5DEF



E2022E



3F8000



008DB7

Rectangle

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



5D5DEF



E008C



3F8000



008C55

Sweetspot

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



5D5DEF



D1D1FF



5DEFEF



636380



000000



808080

Same Dimension

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



5D5DEF



4545FF



A65DEF



6C6C78



0000B8



000038

Inverse Universe

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



EF5DEF



FF45FF



A6EF5D



786C78



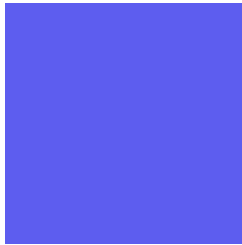
B800B8



380038

Previews

White Background



This preview shows how the Hex color 5D5DEF looks on a white background.

Color Contrast Check

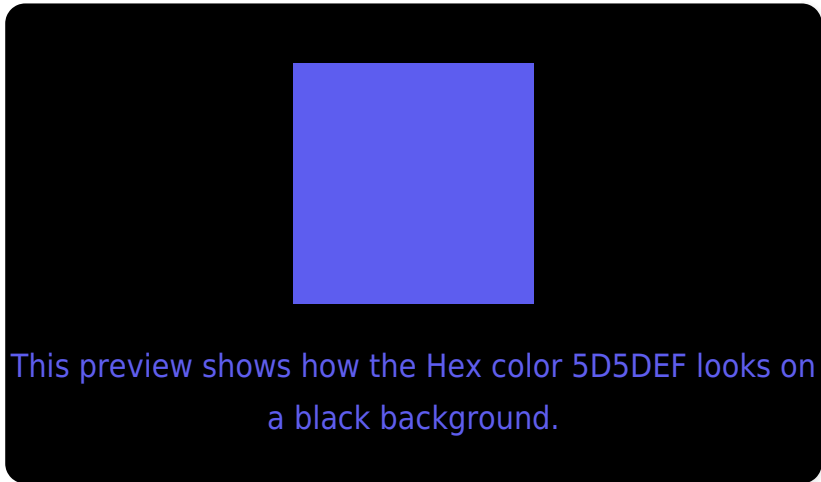
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 5D5DEF Background



This preview shows how black text looks on a background with the Hex color 5D5DEF.



This preview shows how white text looks on a background with the Hex color 5D5DEF.

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



Trichromacy



Original Color
5D5DEF

Protanomaly
2267E9

Tritanomaly
3B70AC

Monochromacy



Original Color
5D5DEF

Achromatopsia
6E6E6E

Achromatomaly
68689D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5DEF 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 #5D5DEF looks like.

```
.text, #text, p{  
    color:#5D5DEF  
}
```

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 #5D5DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5DEF
}
```

Border

The CSS property to change the border of an element to Hex 5D5DEF 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
#5D5DEF }
```

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

```
.border{ border-color:#5D5DEF }
```

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

Here you see how a box with a 4 pixel #5D5DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5DEF; -webkit-box-shadow:4px 4px  
4px 4px #5D5DEF; box-shadow:4px 4px 4px  
4px #5D5DEF }
```

Background

The CSS property to change the background color of an element to Hex 5D5DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5DEF }
```

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

```
.background{ background-color:#5D5DEF }
```

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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