

Converting Colors

Hex(5F5DD5)

Have a look what the booklet for
Hex(5F5DD5) contains.

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Color

Hex(5F5DD5)

Conversions

Conversions Part 1

Format	Color
Hex	5F5DD5
RGB	95, 93, 213
RGB Percent	37%, 36%, 84%
CMY	0.6275, 0.6353, 0.1647
CMYK	0.55, 0.56, 0.00, 0.16
HSL	241°, 59%, 60%
HSV	241°, 56%, 84%
XYZ	20.6439, 15.0657, 64.7707
YIQ	107.2780, -37.3280, 37.7440

Conversions

Conversions Part 2

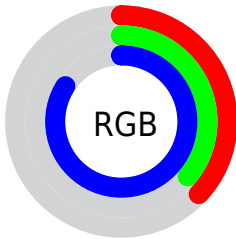
Format	Color
R_{YB}	95, 93, 213
Decimal	6249941
CIE Lab	45.72, 34.50, -61.78
CIE LCh	46, 70.764, 299.180
Yxy	15.0657, 0.2055, 0.1499
Android (android.graphics.Color)	4284440021 (0xFF5F5DD5)
YUV	107.2780, 52.1209, -10.7678
Hunter-Lab	38.8146, 27.0115, -71.7684

Details

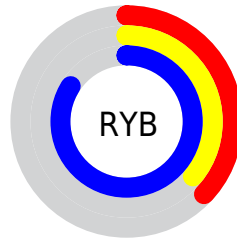
The Hex color **5F5DD5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D3D55D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9A8FFF**, and **182F9D** is the 20% darker color. If you saturate the color by 10%, you get **4A48D5**, and if you desaturate by 10%, it is **7472D5**.

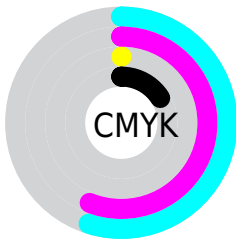
Distribution



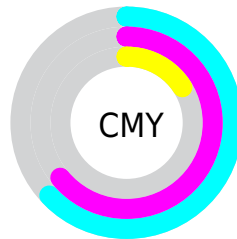
- Red (37%)
- Green (36%)
- Blue (84%)



- Red (37%)
- Yellow (36%)
- Blue (84%)



- Cyan (55%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5DD5 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 5F5DD5 by changing the saturation by 10% instead.

■ 5F5DD5

■ 5F5DD5

FFFFFF

■ 4045B9

■ 9A8FFF

■ 182F9D

■ B7AFFF

■ 001A83

■ D5C5FF

■ 000669

■ F3E1FF

■ 000050

FFFEFF

■ 000538

■ 000221

■ 000007

■ 000000

■ 5F5DD5

■ 5F5DD5

■ 4A48D5

■ 7472D5

■ 3532D5

■ 8988D5

■ 201DD5

■ 9E9DD5

■ 0B08D5

■ B3B2D5

■ 0400D5

■ C8C8D5

■ DDDDD5

■ F2F2D5

■ FFFFD5

Harmonies

Analogous

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



0075E4



5F5DD5



B03AAA

Triad

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



5F5DD5



B25000



008569

Complementary

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



5F5DD5



D3D55D

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.



008129



5F5DD5



856900

Square

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



5F5DD5



CD2C37



4A7900



0085A5

Rectangle

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



5F5DD5



C91F84



4A7900



008454

Sweetspot

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



5F5DD5



D4D4FF



5DD3D5



666680



000000



808080

Same Dimension

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



5F5DD5



5452FF



9B5DD5



61606B



0300AB



01002B

Inverse Universe

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



D55DD3



FF52FC



97D55D



6B606B



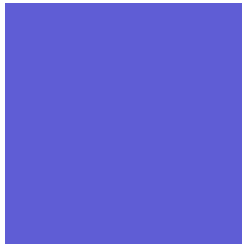
AB00A8



2B002B

Previews

White Background



This preview shows how the Hex color 5F5DD5 looks on a white background.

Color Contrast Check

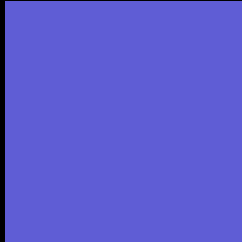
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5F5DD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

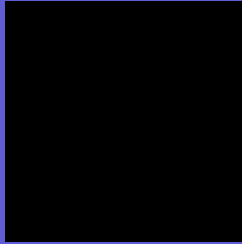
Any Text WCAG AA × Fail

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 5F5DD5 Background



This preview shows how black text looks on a background with the Hex color 5F5DD5.

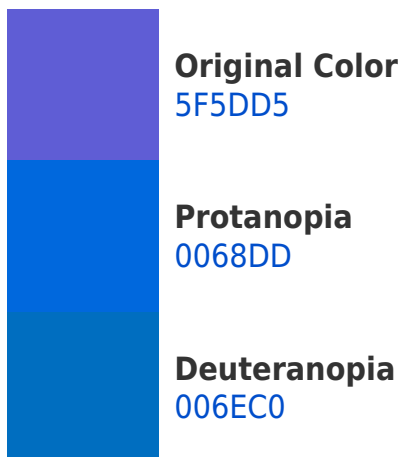


This preview shows how white text looks on a background with the Hex color 5F5DD5.

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
3F747D

Trichromacy



Original Color
5F5DD5



Protanomaly
2364DA



Deuteranomaly
2368C8



Tritanomaly
4B6C9D

Monochromacy



Original Color
5F5DD5



Achromatopsia
6B6B6B



Achromatomaly
676692

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5DD5 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 #5F5DD5 looks like.

```
.text, #text, p{  
    color:#5F5DD5  
}
```

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 #5F5DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5DD5
}
```

Border

The CSS property to change the border of an element to Hex 5F5DD5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

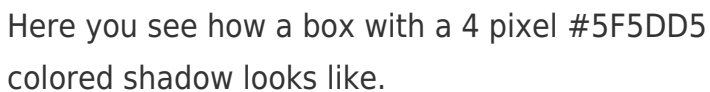
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F5DD5 }
```

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

```
.border{ border-color:#5F5DD5 }
```

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



Here you see how a box with a 4 pixel #5F5DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5DD5; -webkit-box-shadow:4px 4px  
4px 4px #5F5DD5; box-shadow:4px 4px 4px  
4px #5F5DD5 }
```

Background

The CSS property to change the background color of an element to Hex 5F5DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5DD5 }
```

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

```
.background{ background-color:#5F5DD5 }
```

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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