

Converting Colors

Hex(5D50A5)

Have a look what the booklet for
Hex(5D50A5) contains.

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Color

Hex(5D50A5)

Conversions

Conversions Part 1

Format	Color
Hex	5D50A5
RGB	93, 80, 165
RGB Percent	36%, 31%, 65%
CMY	0.6353, 0.6863, 0.3529
CMYK	0.44, 0.52, 0.00, 0.35
HSL	249°, 35%, 48%
HSV	249°, 52%, 65%
XYZ	14.1744, 10.7811, 36.9312
YIQ	93.5770, -19.5370, 29.1910

Conversions

Conversions Part 2

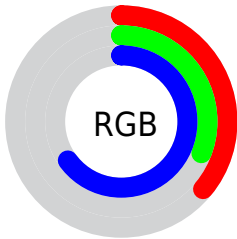
Format	Color
R_{YB}	93, 80, 165
Decimal	6115493
CIE _{Lab}	39.21, 27.18, -44.29
CIE _{LCh}	39, 51.965, 301.536
Yxy	10.7811, 0.2290, 0.1742
Android (android.graphics.Color)	4284305573 (0xFF5D50A5)
YUV	93.5770, 35.2115, -0.5060
Hunter-Lab	32.8346, 19.5964, -43.7032

Details

The Hex color **5D50A5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **98A550**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9382DD**, and **262370** is the 20% darker color. If you saturate the color by 10%, you get **4F40A5**, and if you desaturate by 10%, it is **6B60A5**.

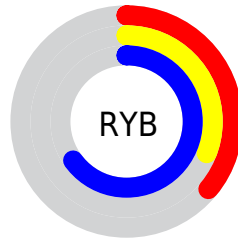
Distribution



Red (36%)

Green (31%)

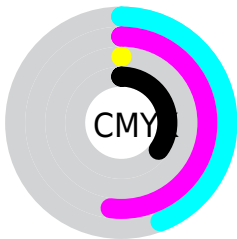
Blue (65%)



Red (36%)

Yellow (31%)

Blue (65%)

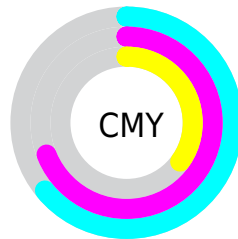


Cyan (44%)

Magenta (52%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D50A5 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 5D50A5 by changing the saturation by 10% instead.

■ 5D50A5

■ 5D50A5

FFFFFF

■ 42398A

■ 9382DD

■ 262370

■ AF9CF9

■ 000F57

■ CBB7FF

■ 000040

■ E8D2FF

■ 000329

■ FFEFFF

■ 000112

■ 000000

■ 5D50A5

■ 5D50A5

■ 4F40A5

■ 6B60A5

412FA5

7971A5

331EA5

8782A5

250EA5

9592A5

1900A5

A3A3A5

B1B3A5

BFC3A5

CDD4A5

DBE4A5

Harmonies

Analogous

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



0061B1



5D50A5



903B85

Triad

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



5D50A5



8F4A0A



006F5D

Complementary

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



5D50A5



98A550

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.



006D31



5D50A5



6E5B00

Square

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



5D50A5



A33733



436603



006F88

Rectangle

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



5D50A5



A1306A



436603



006F4F

Sweetspot

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



5D50A5



BBB6D6



5098A5



5B586B



EBEBEB



6B6B6B

Same Dimension

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



5D50A5



6651D6



8750A5



4B4952



160091



030012

Inverse Universe

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



A55098



D651C2



6EA550



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 5D50A5 looks on a white background.

Color Contrast Check

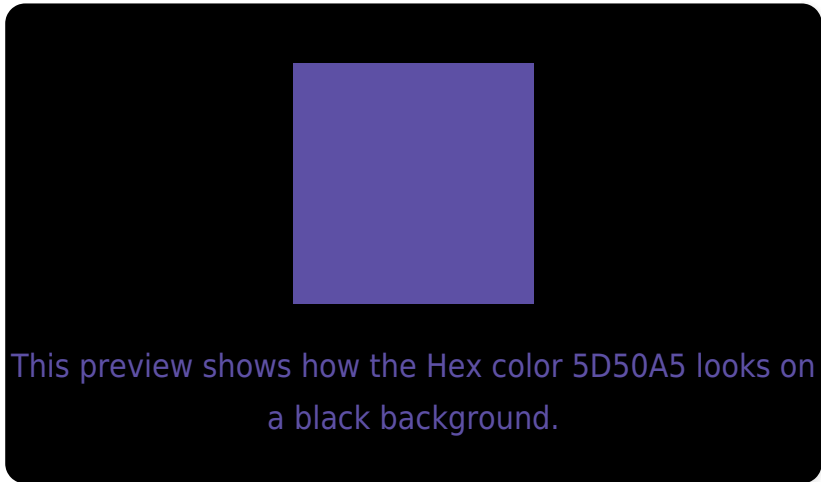
Large Text (above 18pt) WCAG AA ✓ Pass

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

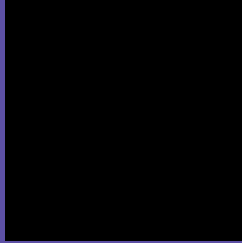
Any Text WCAG AA × Fail

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 5D50A5 Background



This preview shows how black text looks on a background with the Hex color 5D50A5.

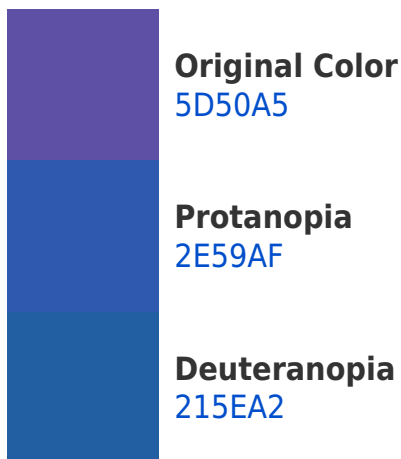


This preview shows how white text looks on a background with the Hex color 5D50A5.

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
4D5F67

Trichromacy



Original Color
5D50A5

Protanomaly
3F56AB

Deuteranomaly
3759A3

Tritanomaly
535A7E

Monochromacy



Original Color
5D50A5

Achromatopsia
5E5E5E

Achromatomaly
5E5978

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D50A5 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 #5D50A5 looks like.

```
.text, #text, p{  
    color:#5D50A5  
}
```

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 #5D50A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D50A5
}
```

Border

The CSS property to change the border of an element to Hex 5D50A5 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
#5D50A5 }
```

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

```
.border{ border-color:#5D50A5 }
```

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

Here you see how a box with a 4 pixel #5D50A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D50A5; -webkit-box-shadow:4px 4px  
4px 4px #5D50A5; box-shadow:4px 4px 4px  
4px #5D50A5 }
```

Background

The CSS property to change the background color of an element to Hex 5D50A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D50A5 }
```

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

```
.background{ background-color:#5D50A5 }
```

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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