

Converting Colors

Hex(8535D5)

Have a look what the booklet for
Hex(8535D5) contains.

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Color

Hex(8535D5)

Conversions

Conversions Part 1

Format	Color
Hex	8535D5
RGB	133, 53, 213
RGB Percent	52%, 21%, 84%
CMY	0.4784, 0.7922, 0.1647
CMYK	0.38, 0.75, 0.00, 0.16
HSL	270°, 66%, 52%
HSV	270°, 75%, 84%
XYZ	22.9562, 12.3368, 64.1221
YIQ	95.1600, -3.6800, 66.7200

Conversions

Conversions Part 2

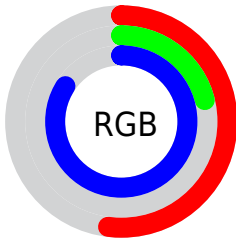
Format	Color
R_{YB}	133, 53, 213
Decimal	8730069
CIE _{Lab}	41.75, 62.47, -68.08
CIE _{LCh}	42, 92.398, 312.541
Yxy	12.3368, 0.2309, 0.1241
Android (android.graphics.Color)	4286920149 (0xFF8535D5)
YUV	95.1600, 58.0951, 33.1857
Hunter-Lab	35.1238, 55.1971, -83.6532

Details

The Hex color **8535D5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **85D535**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C06BFF**, and **4A009D** is the 20% darker color. If you saturate the color by 10%, you get **7A20D5**, and if you desaturate by 10%, it is **904AD5**.

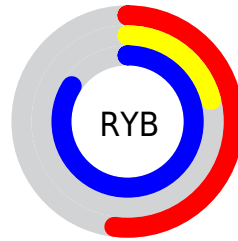
Distribution



Red (52%)

Green (21%)

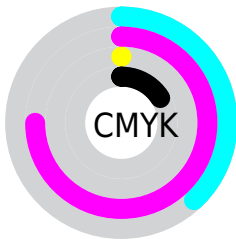
Blue (84%)



Red (52%)

Yellow (21%)

Blue (84%)

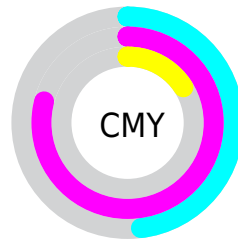


Cyan (38%)

Magenta (75%)

Yellow (0%)

Black (16%)



Cyan (48%)

Magenta (79%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8535D5 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 8535D5 by changing the saturation by 10% instead.

 8535D5

 8535D5

FFFFFF

 6816B9

 C06BFF

 4A009D

 DE87FF

 290082

 FCA2FF

 000068

 FFBEFF

 00004F

 FFDBFF

 000537

 FFF8FF

 000221

 000005

 000000

 8535D5

 8535D5

 7A20D5

 904AD5

 700AD5

 9A60D5

 6B00D5

 A575D5

 B08AD5

 BAA0D5

 C5B5D5

 D0CAD5

 DADFD5

 E5F5D5

Harmonies

Analogous

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



0064FB



8535D5



CE0092

Triad

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



8535D5



9C4E00



007F82

Complementary

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



8535D5



85D535

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.



007C30



8535D5



5B6A00

Square

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



8535D5



CA0000



007700



007FCA

Rectangle

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



8535D5



DE0060



007700



007E67

Sweetspot

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



8535D5



E2C4FF



3585D5



6E5C80



000000



808080

Same Dimension

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



8535D5



8C19FF



D535D5



66606B



5500AB



16002B

Inverse Universe

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



D53585



FF198C



35D535



6B6066



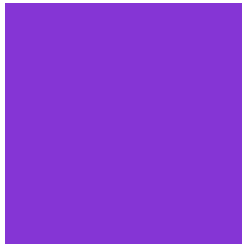
AB0055



2B0016

Previews

White Background



This preview shows how the Hex color 8535D5 looks on a white background.

Color Contrast Check

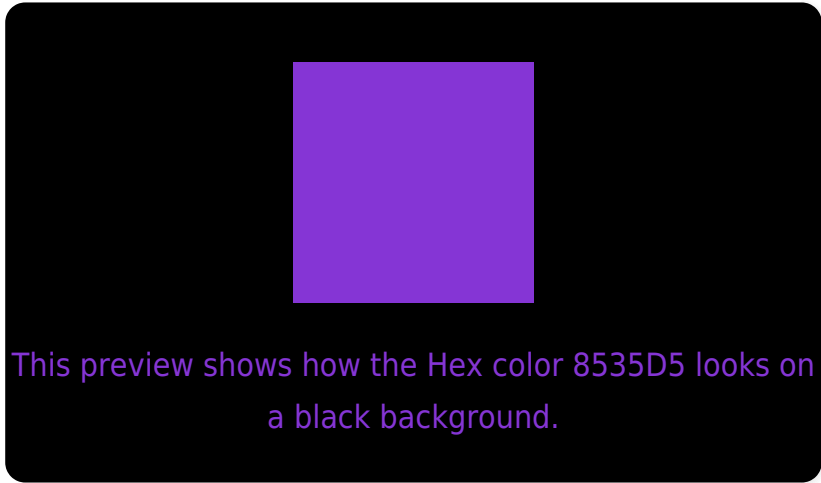
Large Text (above 18pt) WCAG AA ✓ Pass

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

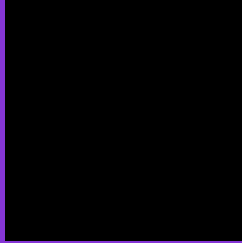
Any Text WCAG AA × Fail

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 8535D5 Background



This preview shows how black text looks on a background with the Hex color 8535D5.

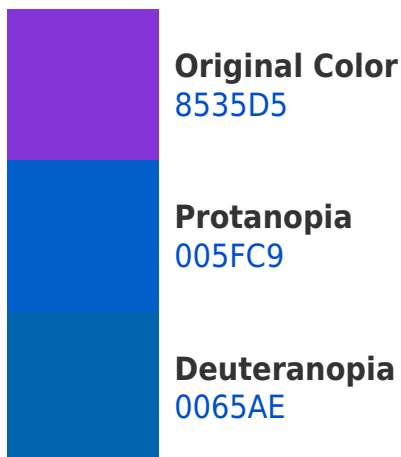


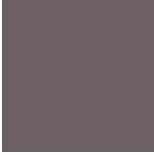
This preview shows how white text looks on a background with the Hex color 8535D5.

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](#).

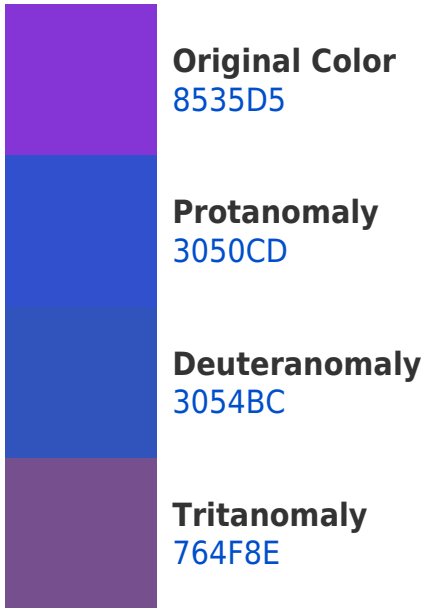
Dichromacy



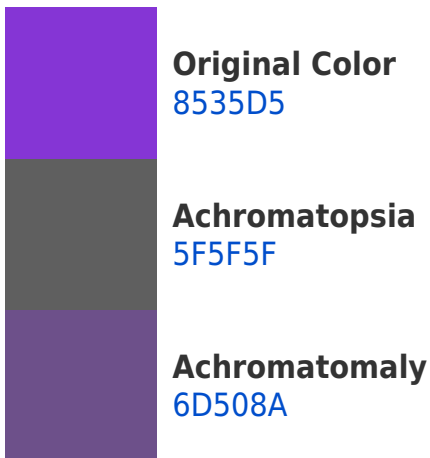


Tritanopia
6E5E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8535D5 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 #8535D5 looks like.

```
.text, #text, p{  
    color:#8535D5  
}
```

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 #8535D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8535D5
}
```

Border

The CSS property to change the border of an element to Hex 8535D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

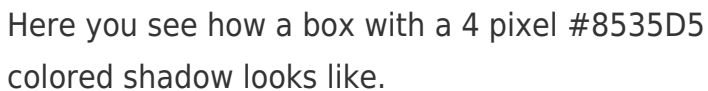
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8535D5 }
```

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

```
.border{ border-color:#8535D5 }
```

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



Here you see how a box with a 4 pixel #8535D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8535D5; -webkit-box-shadow:4px 4px  
4px 4px #8535D5; box-shadow:4px 4px 4px  
4px #8535D5 }
```

Background

The CSS property to change the background color of an element to Hex 8535D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8535D5 }
```

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

```
.background{ background-color:#8535D5 }
```

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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