

Converting Colors

Hex(5E53D8)

Have a look what the booklet for
Hex(5E53D8) contains.

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Color

Hex(5E53D8)

Conversions

Conversions Part 1

Format	Color
Hex	5E53D8
RGB	94, 83, 216
RGB Percent	37%, 33%, 85%
CMY	0.6314, 0.6745, 0.1529
CMYK	0.56, 0.62, 0.00, 0.15
HSL	245°, 63%, 59%
HSV	245°, 62%, 85%
XYZ	20.1040, 13.5241, 66.5166
YIQ	101.4510, -36.1370, 43.6950

Conversions

Conversions Part 2

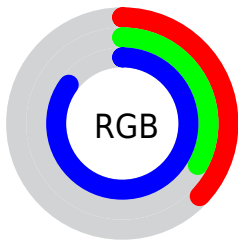
Format	Color
R_{YB}	94, 83, 216
Decimal	6181848
CIE Lab	43.54, 41.26, -67.04
CIE LCh	44, 78.722, 301.610
Yxy	13.5241, 0.2007, 0.1350
Android (android.graphics.Color)	4284371928 (0xFF5E53D8)
YUV	101.4510, 56.4727, -6.5345
Hunter-Lab	36.7751, 33.2251, -81.4976

Details

The Hex color **5E53D8** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **CDD853**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9A85FF**, and **1025A0** is the 20% darker color. If you saturate the color by 10%, you get **4A3DD8**, and if you desaturate by 10%, it is **7269D8**.

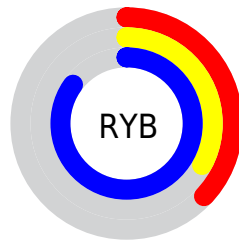
Distribution



Red (37%)

Green (33%)

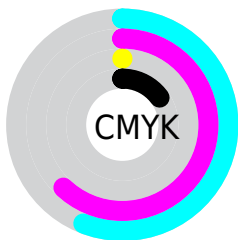
Blue (85%)



Red (37%)

Yellow (33%)

Blue (85%)

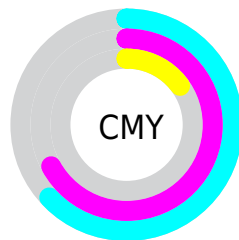


Cyan (56%)

Magenta (62%)

Yellow (0%)

Black (15%)



Cyan (63%)

Magenta (67%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E53D8 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 5E53D8 by changing the saturation by 10% instead.

■ 5E53D8

■ 5E53D8

FFFFFF

■ 3D3BBC

■ 9A85FF

■ 1025A0

■ B8A0FF

■ 000F85

■ D6BBFF

■ 00006B

■ F4D7FF

■ 000052

■ FFF3FF

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 5E53D8

■ 5E53D8

■ 4A3DD8

■ 7269D8

■ 3628D8

■ 867ED8

■ 2312D8

■ 9994D8

■ 1200D8

■ ADA9D8

■ C1BFD8

■ D5D5D8

■ E9EAD8

■ FDFFD8

■ FFFFD8

Harmonies

Analogous

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



006FEC



5E53D8



B420A6

Triad

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



5E53D8



AD4900



008169

Complementary

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



5E53D8



CDD853

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.



007D21



5E53D8



7B6600

Square

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



5E53D8



CD1027



357600



0081AA

Rectangle

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



5E53D8



CD007C



357600



008052

Sweetspot

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



5E53D8



D5D1FF



53CFD8



666380



000000



808080

Same Dimension

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



5E53D8



5242FF



9E53D8



61606B



0E00AB



04002B

Inverse Universe

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



D853CD



FF42EF



8DD853



6B606A



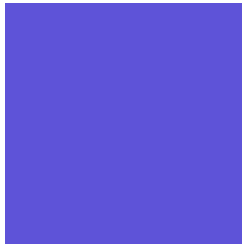
AB009D



2B0028

Previews

White Background



This preview shows how the Hex color 5E53D8 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

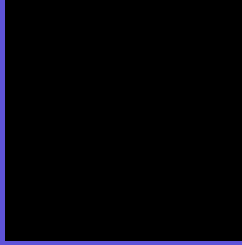
Any Text WCAG AA × Fail

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 5E53D8 Background



This preview shows how black text looks on a background with the Hex color 5E53D8.

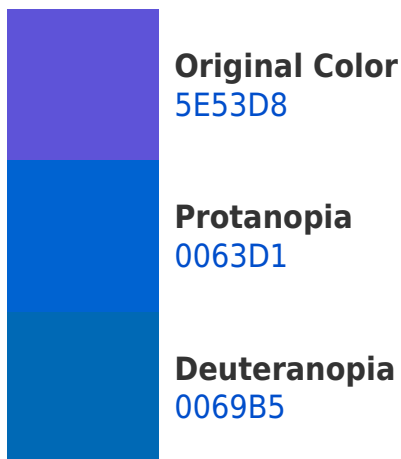


This preview shows how white text looks on a background with the Hex color 5E53D8.

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](#).

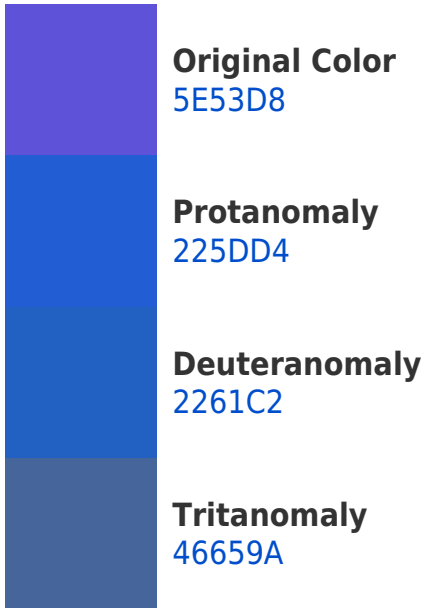
Dichromacy



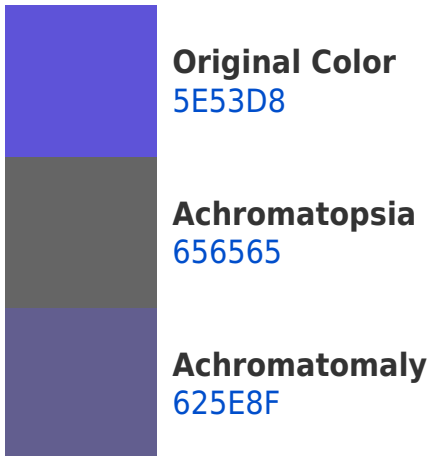


Tritanopia
396F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E53D8 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 #5E53D8 looks like.

```
.text, #text, p{  
    color:#5E53D8  
}
```

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 #5E53D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E53D8
}
```

Border

The CSS property to change the border of an element to Hex 5E53D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

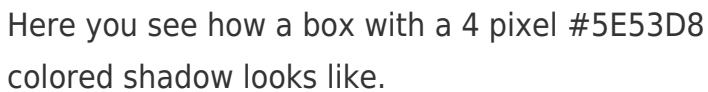
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E53D8 }
```

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

```
.border{ border-color:#5E53D8 }
```

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



Here you see how a box with a 4 pixel #5E53D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E53D8; -webkit-box-shadow:4px 4px  
4px 4px #5E53D8; box-shadow:4px 4px 4px  
4px #5E53D8 }
```

Background

The CSS property to change the background color of an element to Hex 5E53D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E53D8 }
```

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

```
.background{ background-color:#5E53D8 }
```

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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