

Converting Colors

Hex(5D8DEE)

Have a look what the booklet for
Hex(5D8DEE) contains.

Hex(5D8DEE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D8DEE)

Conversions

Conversions Part 1

Format	Color
Hex	5D8DEE
RGB	93, 141, 238
RGB Percent	36%, 55%, 93%
CMY	0.6353, 0.4471, 0.0667
CMYK	0.61, 0.41, 0.00, 0.07
HSL	220°, 81%, 65%
HSV	220°, 61%, 93%
XYZ	29.4717, 27.5500, 84.6533
YIQ	137.7060, -59.7450, 19.9910

Conversions

Conversions Part 2

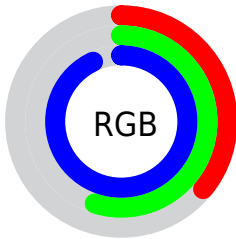
Format	Color
R_{YB}	93, 129, 238
Decimal	6131182
CIE _{Lab}	59.48, 13.08, -53.77
CIE _{LCh}	59, 55.334, 283.671
Yxy	27.5500, 0.2080, 0.1945
Android (android.graphics.Color)	4284321262 (0xFF5D8DEE)
YUV	137.7060, 49.4449, -39.2072
Hunter-Lab	52.4881, 8.3725, -58.8819

Details

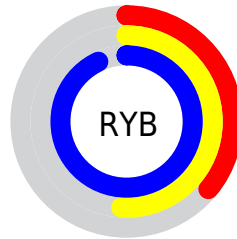
The Hex color **5D8DEE** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EEBE5D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9AC2FF**, and **035CB5** is the 20% darker color. If you saturate the color by 10%, you get **457DEE**, and if you desaturate by 10%, it is **759DEE**.

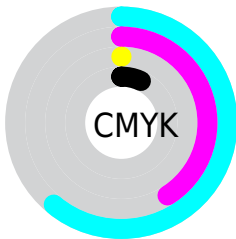
Distribution



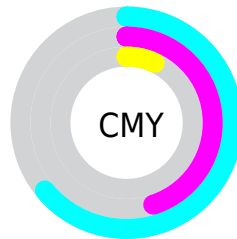
- Red (36%)
- Green (55%)
- Blue (93%)



- Red (36%)
- Yellow (51%)
- Blue (93%)



- Cyan (61%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (64%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8DEE 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 5D8DEE by changing the saturation by 10% instead.

 5D8DEE

 5D8DEE

FFFFFF

 3B74D1


 9AC2FF

 035CB5

 B8DEFF

 00459A

 D6FAFF

 002F80

 F4FFFF

 001C66

 00014D

 000536

 00021F

 000003

 5D8DEE

 5D8DEE

 457DEE

 759DEE

 2D6DEE

 8DADEE

 165DEE

 A4BDEE

 004FEE

 BCCDEE

 D4DDEE

 ECEDEE

 FFFCEE

 FFFFEE

Harmonies

Analogous

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



009CEC



5D8DEE



AF79D6

Triad

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



5D8DEE



DD704E



00A572

Complementary

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



5D8DEE



EEBE5D

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.



5D9F45



5D8DEE



BF832D

Square

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



5D8DEE



E8637B



949428



00A7A5

Rectangle

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



5D8DEE



CF6CBB



949428



1EA462

Sweetspot

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



5D8DEE



D1E0FF



5DEEBE



636D80



000000



808080

Same Dimension

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



5D8DEE



4582FF



755DEE



6C7078



003DB8



001338

Inverse Universe

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



EE5D8D



FF4582



D6EE5D



786C70



B8003D



380013

Previews

White Background



This preview shows how the Hex color 5D8DEE looks on a white background.

Color Contrast Check

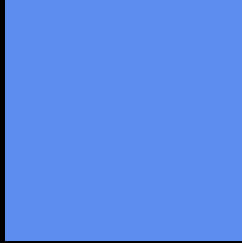
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5D8DEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

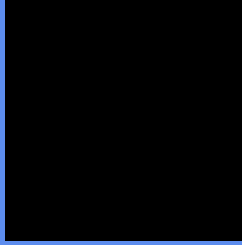
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

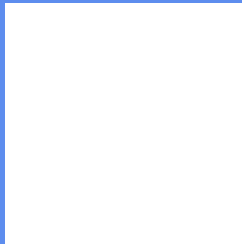
Any Text WCAG AAA × Fail

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

Hex 5D8DEE Background



This preview shows how black text looks on a background with the Hex color 5D8DEE.



This preview shows how white text looks on a background with the Hex color 5D8DEE.

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](#).

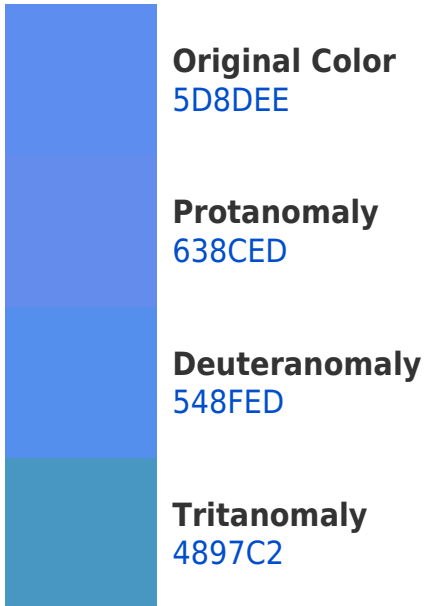
Dichromacy





Tritanopia
3C9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8DEE 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 #5D8DEE looks like.

```
.text, #text, p{  
    color:#5D8DEE  
}
```

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 #5D8DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8DEE
}
```

Border

The CSS property to change the border of an element to Hex 5D8DEE 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
#5D8DEE }
```

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

```
.border{ border-color:#5D8DEE }
```

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

Here you see how a box with a 4 pixel #5D8DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8DEE; -webkit-box-shadow:4px 4px  
4px 4px #5D8DEE; box-shadow:4px 4px 4px  
4px #5D8DEE }
```

Background

The CSS property to change the background color of an element to Hex 5D8DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8DEE }
```

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

```
.background{ background-color:#5D8DEE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor