

Converting Colors

Hex(5D8EC6)

Have a look what the booklet for
Hex(5D8EC6) contains.

Hex(5D8EC6)	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(5D8EC6)

Conversions

Conversions Part 1

Format	Color
Hex	5D8EC6
RGB	93, 142, 198
RGB Percent	36%, 56%, 78%
CMY	0.6353, 0.4431, 0.2235
CMYK	0.53, 0.28, 0.00, 0.22
HSL	212°, 48%, 57%
HSV	212°, 53%, 78%
XYZ	24.3802, 25.7504, 57.1114
YIQ	133.7330, -47.1800, 7.0280

Conversions

Conversions Part 2

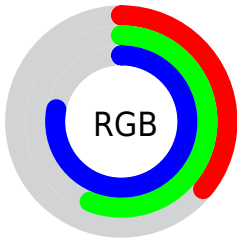
Format	Color
R _Y B	93, 126, 198
Decimal	6131398
CIE Lab	57.80, -0.41, -34.05
CIE LCh	58, 34.056, 269.309
Yxy	25.7504, 0.2273, 0.2401
Android (android.graphics.Color)	4284321478 (0xFF5D8EC6)
YUV	133.7330, 31.6836, -35.7228
Hunter-Lab	50.7448, -3.0435, -31.2073

Details

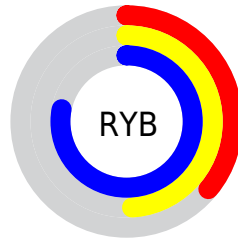
The Hex color **5D8EC6** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C6955D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **95C3FF**, and **1F5C90** is the 20% darker color. If you saturate the color by 10%, you get **4983C6**, and if you desaturate by 10%, it is **7199C6**.

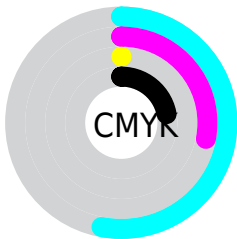
Distribution



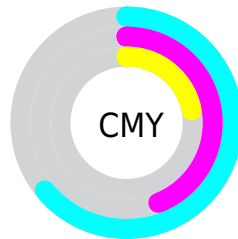
- Red (36%)
- Green (56%)
- Blue (78%)



- Red (36%)
- Yellow (49%)
- Blue (78%)



- Cyan (53%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8EC6 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 5D8EC6 by changing the saturation by 10% instead.

■ 5D8EC6

■ 5D8EC6

FFFFFF

■ 4075AB

■ 95C3FF

■ 1F5C90

■ B2DFFF

■ 004576

■ CFFCFF

■ 002F5D

■ ECFFFF

■ 001B45

■ 00042E

■ 000119

■ 000000

■ 5D8EC6

■ 5D8EC6

■ 4983C6

■ 7199C6

■ 3579C6

■ 85A3C6

■ 226EC6

■ 98AEC6

■ 0E64C6

■ ACB8C6

■ 005CC6

■ C0C3C6

■ D4CDC6

■ E8D8C6

■ FBE2C6

■ FFEDC6

Harmonies

Analogous

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



1F96BD



5D8EC6



8D83BF

Triad

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



5D8EC6



C4766F



5C986B

Complementary

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



5D8EC6



C6955D

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.



809256



5D8EC6



B77E58

Square

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



5D8EC6



C2738D



9F894F



319B89

Rectangle

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



5D8EC6



A67CB2



9F894F



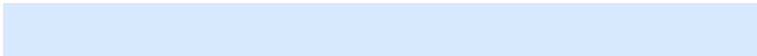
699663

Sweetspot

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



5D8EC6



D6E9FF



5DC695



677380



000000



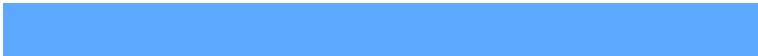
808080

Same Dimension

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



5D8EC6



5CA8FF



605DC6



5A5E63



004CA3



001124

Inverse Universe

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



C65D8E



FF5CA8



C3C65D



635A5E



A3004C



240011

Previews

White Background



This preview shows how the Hex color 5D8EC6 looks on a white background.

Color Contrast Check

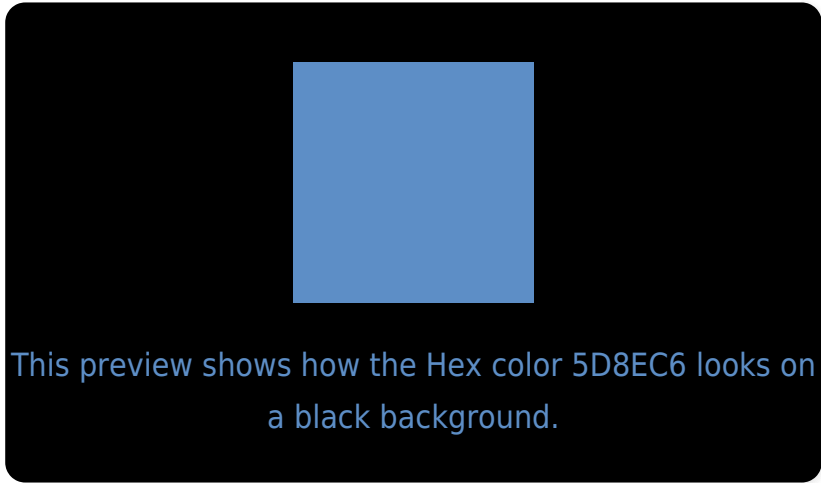
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

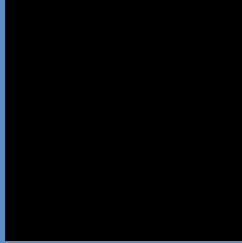
Any Text WCAG AA ✓ Pass

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 5D8EC6 Background



This preview shows how black text looks on a background with the Hex color 5D8EC6.

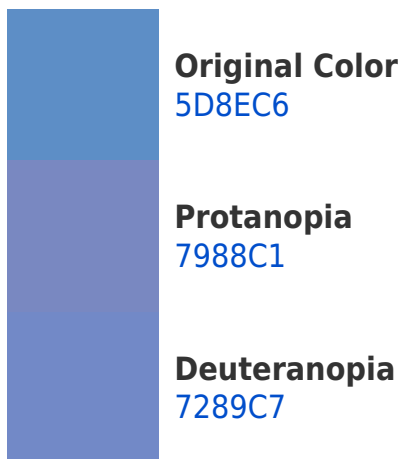


This preview shows how white text looks on a background with the Hex color 5D8EC6.

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](#).

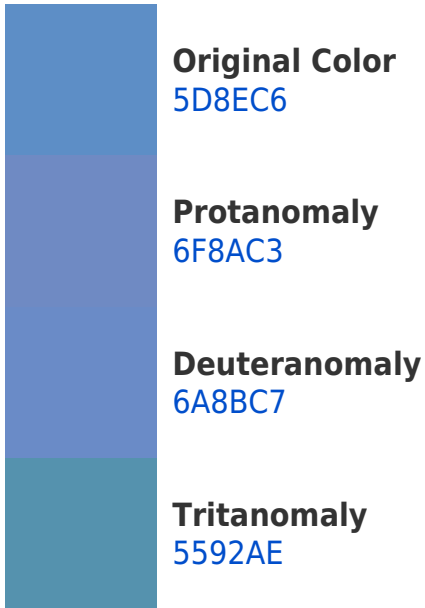
Dichromacy





Tritanopia
5095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8EC6 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 #5D8EC6 looks like.

```
.text, #text, p{  
    color:#5D8EC6  
}
```

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 #5D8EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8EC6
}
```

Border

The CSS property to change the border of an element to Hex 5D8EC6 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
#5D8EC6 }
```

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

```
.border{ border-color:#5D8EC6 }
```

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

Here you see how a box with a 4 pixel #5D8EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8EC6; -webkit-box-shadow:4px 4px  
4px 4px #5D8EC6; box-shadow:4px 4px 4px  
4px #5D8EC6 }
```

Background

The CSS property to change the background color of an element to Hex 5D8EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8EC6 }
```

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

```
.background{ background-color:#5D8EC6 }
```

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