

Converting Colors

Hex(5D8181)

Have a look what the booklet for
Hex(5D8181) contains.

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Color

Hex(5D8181)

Conversions

Conversions Part 1

Format	Color
Hex	5D8181
RGB	93, 129, 129
RGB Percent	36%, 51%, 51%
CMY	0.6353, 0.4941, 0.4941
CMYK	0.28, 0.00, 0.00, 0.49
HSL	180°, 16%, 44%
HSV	180°, 28%, 51%
XYZ	16.3269, 19.6126, 23.6940
YIQ	118.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

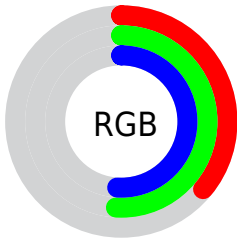
Format	Color
R_{YB}	93, 111, 129
Decimal	6128001
CIE _{Lab}	51.40, -12.56, -4.10
CIE _{LCh}	51, 13.208, 198.069
Yxy	19.6126, 0.2738, 0.3289
Android (android.graphics.Color)	4284318081 (0xFF5D8181)
YUV	118.2360, 5.3067, -22.1320
Hunter-Lab	44.2862, -11.6935, -0.7210

Details

The Hex color **5D8181** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **815D5D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **90B6B6**, and **2D5050** is the 20% darker color. If you saturate the color by 10%, you get **508181**, and if you desaturate by 10%, it is **6A8181**.

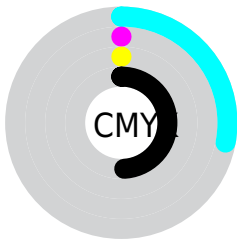
Distribution



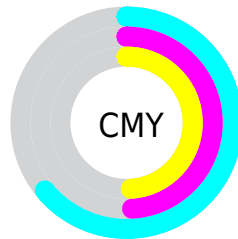
- Red (36%)
- Green (51%)
- Blue (51%)



- Red (36%)
- Yellow (44%)
- Blue (51%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8181 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 5D8181 by changing the saturation by 10% instead.

■ 5D8181

■ 5D8181

FFFFFF

■ 446868

■ 90B6B6

■ 2D5050

■ ABD2D1

■ 153939

■ C7EEEE

■ 002324

■ E3FFFF

■ 000A0E

■ 000000

■ 5D8181

■ 5D8181

■ 508181

■ 6A8181

■ 438181

■ 778181

■ 368181

■ 848181

■ 298181

■ 918181

■ 1D8181

■ 9D8181

■ 108181

■ AA8181

■ 038181

■ B78181

■ 008181

■ C48181

■ D18181

Harmonies

Analogous

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



648175



5D8181



5F808B

Triad

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



5D8181



85758A



887865

Complementary

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



5D8181



815D5D

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.



90756A



5D8181



8F737F

Square

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



5D8181



777990



927374



7C7C65

Rectangle

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



5D8181



647E8F



927374



8B7766

Sweetspot

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



5D8181



9BA8A8



5D815D



4C5454



D4D4D4



545454

Same Dimension

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



5D8181



71A8A8



5D6F81



394040



008080



000000

Inverse Universe

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



815D81



A871A8



816F5D



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 5D8181 looks on a white background.

Color Contrast Check

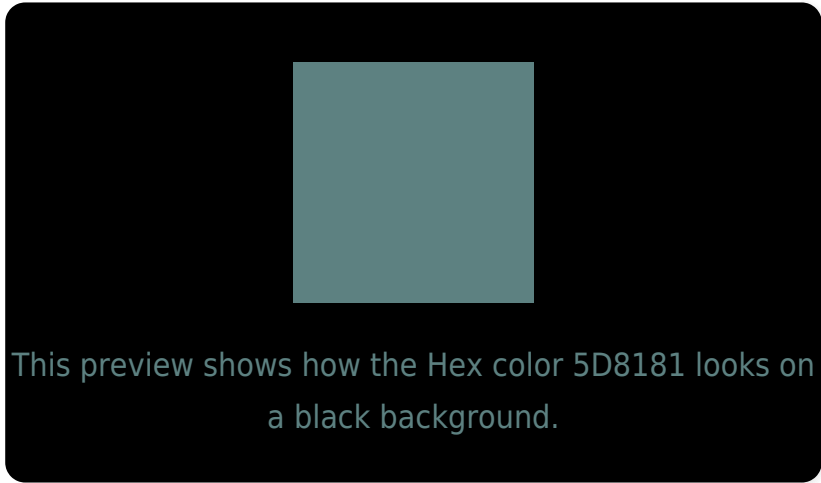
Large Text (above 18pt) WCAG AA ✓ Pass

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

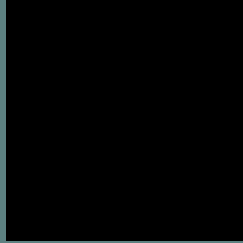
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

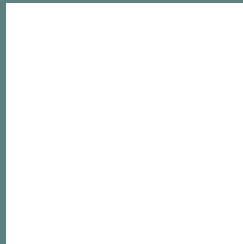
Any Text WCAG AAA × Fail

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

Hex 5D8181 Background



This preview shows how black text looks on a background with the Hex color 5D8181.

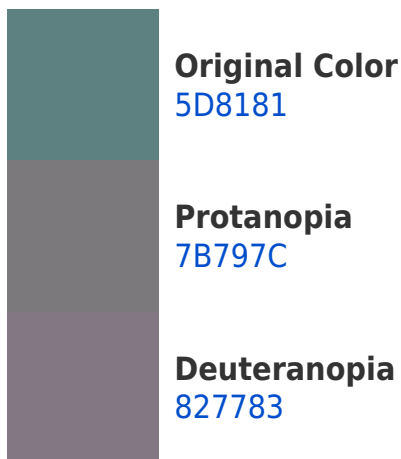


This preview shows how white text looks on a background with the Hex color 5D8181.

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](#).

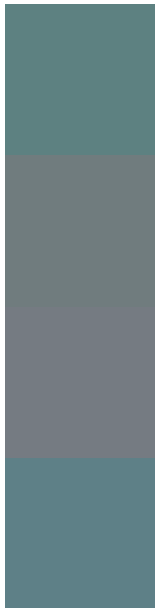
Dichromacy





Tritanopia
5F808A

Trichromacy



Original Color
5D8181

Protanomaly
707C7E

Deuteranomaly
757B82

Tritanomaly
5E8087

Monochromacy



Original Color
5D8181

Achromatopsia
767676

Achromatomaly
6D7A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8181 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 #5D8181 looks like.

```
.text, #text, p{  
    color:#5D8181  
}
```

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 #5D8181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8181
}
```

Border

The CSS property to change the border of an element to Hex 5D8181 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
#5D8181 }
```

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

```
.border{ border-color:#5D8181 }
```

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

Here you see how a box with a 4 pixel #5D8181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8181; -webkit-box-shadow:4px 4px  
4px 4px #5D8181; box-shadow:4px 4px 4px  
4px #5D8181 }
```

Background

The CSS property to change the background color of an element to Hex 5D8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8181 }
```

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

```
.background{ background-color:#5D8181 }
```

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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