

# Converting Colors

Hex(5D8575)

Have a look what the booklet for  
Hex(5D8575) contains.

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# Color

Hex(5D8575)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D8575
RGB	93, 133, 117
RGB Percent	36%, 52%, 46%
CMY	0.6353, 0.4784, 0.5412
CMYK	0.30, 0.00, 0.12, 0.48
HSL	156°, 18%, 44%
HSV	156°, 30%, 52%
XYZ	16.1126, 20.3866, 19.9154
YIQ	119.2160, -18.7040, -13.4560

# Conversions

## Conversions Part 2

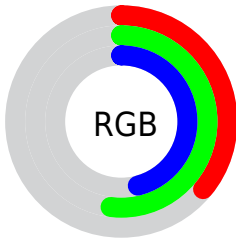
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 118, 133
Decimal	6129013
CIE <sub>Lab</sub>	52.27, -17.55, 4.18
CIE <sub>LCh</sub>	52, 18.041, 166.601
Yxy	20.3866, 0.2856, 0.3614
Android (android.graphics.Color)	4284319093 (0xFF5D8575)
YUV	119.2160, -1.0925, -22.9914
Hunter-Lab	45.1515, -15.3162, 5.4544

# Details

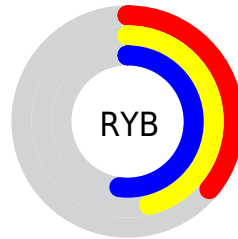
The Hex color **5D8575** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **855D6D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **90BAA9**, and **2D5345** is the 20% darker color. If you saturate the color by 10%, you get **508570**, and if you desaturate by 10%, it is **6A857A**.

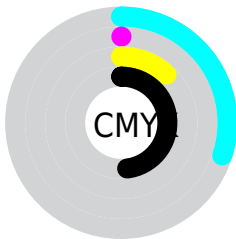
# Distribution



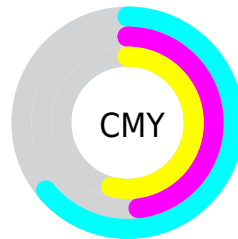
- Red (36%)
- Green (52%)
- Blue (46%)



- Red (36%)
- Yellow (46%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D8575 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 5D8575 by changing the saturation by 10% instead.



 5D8575

 5D8575

FFFFFF

 456C5C

 90BAA9

 2D5345

 ABD6C4

 153C2F

 C7F3E0

 00261A

 E3FFFD

 000F00

 000000

 5D8575

 5D8575

 508570

 6A857A

 42856A

 788580

 358565

 858585

 288560

 92858A

 1A855A

 A08590

 0D8555

 AD8595

 008550

 BA859A

 C785A0

 D585A5

# Harmonies

## Analogous

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



6E8367



5D8575



528585

# Triad

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



5D8575



767B9A



997567

# Complementary

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



5D8575



855D6D

# 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.



9D7275



5D8575



8A7692

# Square

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



5D8575



61809A



977284



8F795F

# Rectangle

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



5D8575



51858F



977284



9B736B



# Sweetspot

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



5D8575



9EADA7



6D855D



4D5753



D6D6D6



575757



# Same Dimension

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



5D8575



6FAD94



5D8285



3C4240



00824E



000302



# Inverse Universe

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



855D6D



AD6F88



85615D



423C3E



820034



030001



# Previews

## White Background



This preview shows how the Hex color 5D8575 looks on a white background.

## Color Contrast Check

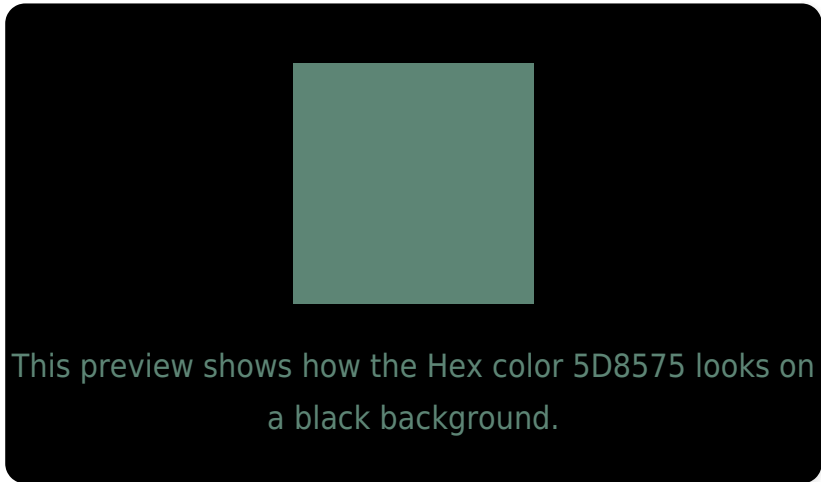
Large Text (above 18pt) WCAG AA ✓ Pass

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

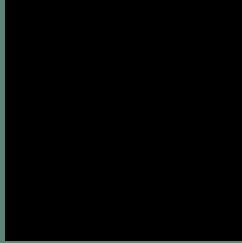
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D8575 Background



This preview shows how black text looks on a background with the Hex color 5D8575.

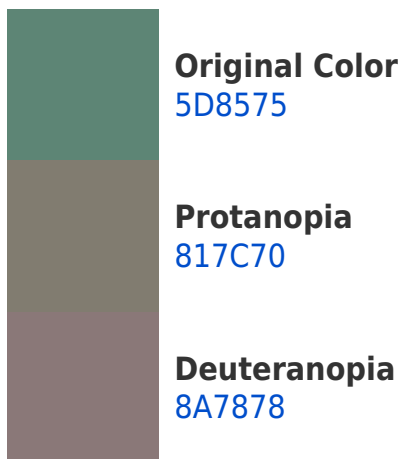



This preview shows how white text looks on a background with the Hex color 5D8575.

# 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**  
62828C

# Trichromacy



**Original Color**  
5D8575

**Protanomaly**  
747F72

**Deuteranomaly**  
7A7D77

**Tritanomaly**  
608384

# Monochromacy



**Original Color**  
5D8575

**Achromatopsia**  
777777

**Achromatomaly**  
6E7C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D8575 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 #5D8575 looks like.

```
.text, #text, p{  
    color:#5D8575  
}
```

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 #5D8575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8575
}
```

## Border

The CSS property to change the border of an element to Hex 5D8575 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
#5D8575 }
```

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

```
.border{ border-color:#5D8575 }
```

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

Here you see how a box with a 4 pixel #5D8575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8575; -webkit-box-shadow:4px 4px  
4px 4px #5D8575; box-shadow:4px 4px 4px  
4px #5D8575 }
```

# Background

The CSS property to change the background color of an element to Hex 5D8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8575 }
```

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

```
.background{ background-color:#5D8575 }
```

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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