

Converting Colors

Hex(5D6767)

Have a look what the booklet for
Hex(5D6767) contains.

Hex(5D6767)	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(5D6767)

Conversions

Conversions Part 1

Format	Color
Hex	5D6767
RGB	93, 103, 103
RGB Percent	36%, 40%, 40%
CMY	0.6353, 0.5961, 0.5961
CMYK	0.10, 0.00, 0.00, 0.60
HSL	180°, 5%, 38%
HSV	180°, 10%, 40%
XYZ	11.8126, 13.0069, 14.7200
YIQ	100.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

Format	Color
R_{YB}	93, 98, 103
Decimal	6121319
CIE _{Lab}	42.77, -3.81, -1.31
CIE _{LCh}	43, 4.034, 198.993
Yxy	13.0069, 0.2988, 0.3290
Android (android.graphics.Color)	4284311399 (0xFF5D6767)
YUV	100.0100, 1.4741, -6.1478
Hunter-Lab	36.0651, -4.6487, 1.0464

Details

The Hex color **5D6767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675D5D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8F9A9A**, and **2F3838** is the 20% darker color. If you saturate the color by 10%, you get **536767**, and if you desaturate by 10%, it is **676767**.

Distribution



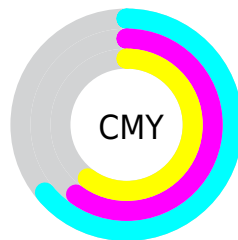
- Red (36%)
- Green (40%)
- Blue (40%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6767 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 5D6767 by changing the saturation by 10% instead.



5D6767



5D6767

FFFFFF



454F4F



8F9A9A



2F3838



AAB5B5



1A2323



C5D0D0



000D0D



E1EDED



000000

FEFFFF



5D6767



5D6767



536767



676767



486767



726767

■ 3E6767

■ 7C6767

■ 346767

■ 866767

■ 296767

■ 916767

■ 1F6767

■ 9B6767

■ 156767

■ A56767

■ 0B6767

■ AF6767

■ 006767

■ BA6767

Harmonies

Analogous

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



5E6764



5D6767



5E676A

Triad

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



5D6767



686469



69645F

Complementary

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



5D6767



675D5D

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.



6C6360



5D6767



6B6366

Square

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



5D6767



64656B



6C6363



66655F

Rectangle

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



5D6767



5F666B



6C6363



6A645F

Sweetspot

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



5D6767



838787



5D675D



424545



C4C4C4



454545

Same Dimension

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



5D6767



778787



5D6267



2E3333



007373



00F2F2

Inverse Universe

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



675D67



877787



67625D



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 5D6767 looks on a white background.

Color Contrast Check

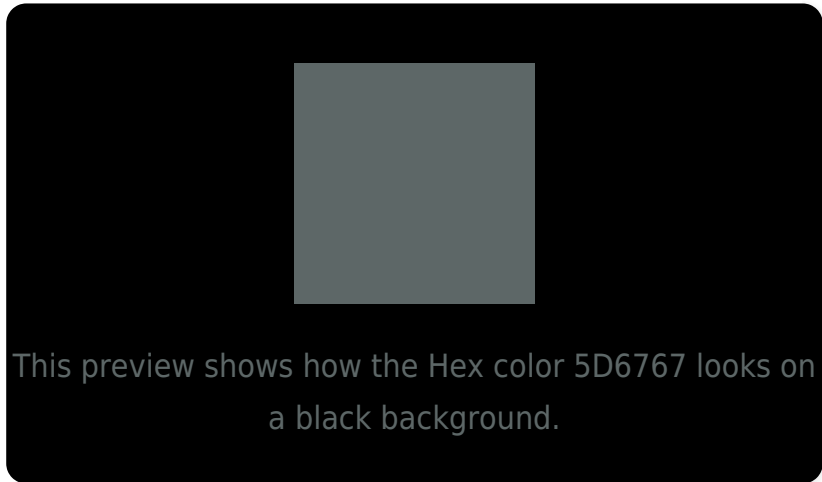
Large Text (above 18pt) WCAG AA ✓ Pass

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

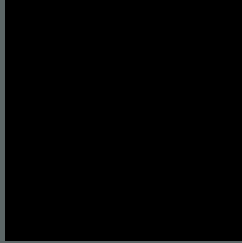
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

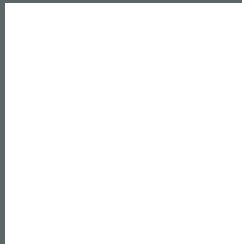
Any Text WCAG AAA × Fail

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

Hex 5D6767 Background



This preview shows how black text looks on a background with the Hex color 5D6767.



This preview shows how white text looks on a background with the Hex color 5D6767.

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](#).

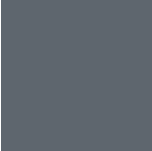
Dichromacy



Original Color
5D6767

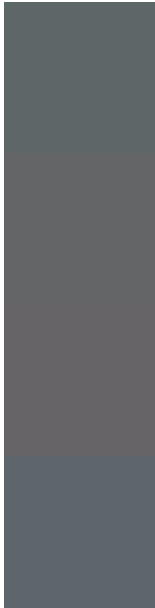
Protanopia
666465

Deuteranopia
6D6268



Tritanopia
5E666E

Trichromacy



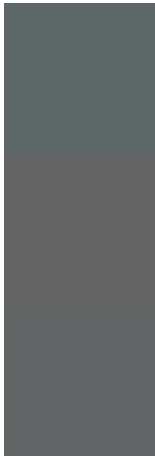
Original Color
5D6767

Protanomaly
636566

Deuteranomaly
676468

Tritanomaly
5E666B

Monochromacy



Original Color
5D6767

Achromatopsia
646464

Achromatomaly
616565

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6767 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 #5D6767 looks like.

```
.text, #text, p{  
    color:#5D6767  
}
```

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 #5D6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6767
}
```

Border

The CSS property to change the border of an element to Hex 5D6767 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
#5D6767 }
```

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

```
.border{ border-color:#5D6767 }
```

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

Here you see how a box with a 4 pixel #5D6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6767; -webkit-box-shadow:4px 4px  
4px 4px #5D6767; box-shadow:4px 4px 4px  
4px #5D6767 }
```

Background

The CSS property to change the background color of an element to Hex 5D6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6767 }
```

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

```
.background{ background-color:#5D6767 }
```

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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