

Converting Colors

Hex(5D5869)

Have a look what the booklet for
Hex(5D5869) contains.

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Color

Hex(5D5869)

Conversions

Conversions Part 1

Format	Color
Hex	5D5869
RGB	93, 88, 105
RGB Percent	36%, 35%, 41%
CMY	0.6353, 0.6549, 0.5882
CMYK	0.11, 0.16, 0.00, 0.59
HSL	258°, 9%, 38%
HSV	258°, 16%, 41%
XYZ	10.5537, 10.3265, 14.8016
YIQ	91.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

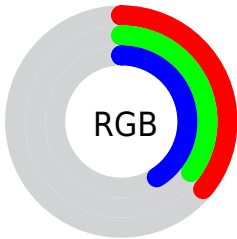
Format	Color
R_{YB}	93, 88, 105
Decimal	6117481
CIE Lab	38.42, 5.74, -9.00
CIE LCh	38, 10.680, 302.528
Yxy	10.3265, 0.2958, 0.2894
Android (android.graphics.Color)	4284307561 (0xFF5D5869)
YUV	91.4330, 6.6885, 1.3743
Hunter-Lab	32.1349, 2.3868, -4.8150

Details

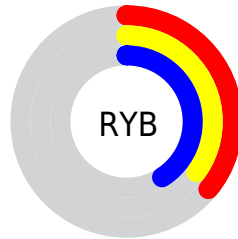
The Hex color **5D5869** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646958**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8F8A9C**, and **2F2B3A** is the 20% darker color. If you saturate the color by 10%, you get **564E69**, and if you desaturate by 10%, it is **646269**.

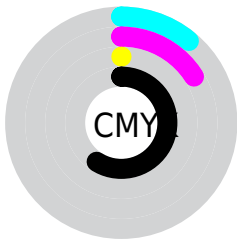
Distribution



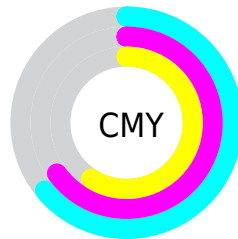
- Red (36%)
- Green (35%)
- Blue (41%)



- Red (36%)
- Yellow (35%)
- Blue (41%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)



- Cyan (64%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5869 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 5D5869 by changing the saturation by 10% instead.

■ 5D5869

■ 5D5869

FFFFFF

■ 454151

■ 8F8A9C

■ 2F2B3A

■ AAA4B7

■ 1A1624

■ C5BFD3

■ 00010F

■ E1DBEF

■ 000000

■ FEF8FF

■ 5D5869

■ 5D5869

■ 564E69

■ 646269

■ 4E4369

■ 6C6D69

■ 473969

■ 737769

■ 3F2E69

■ 7B8269

■ 382469

■ 828D69

■ 311969

■ 899769

■ 290E69

■ 91A169

■ 220469

■ 98AC69

■ 1F0069

■ A0B769

Harmonies

Analogous

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



525B6C



5D5869



665663

Triad

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



5D5869



68574B



46605B

Complementary

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



5D5869



646958

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.



4D5F52



5D5869



615A49

Square

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



5D5869



6C5552



575D4C



445F63

Rectangle

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



5D5869



6B555D



575D4C



485F58

Sweetspot

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



5D5869



85838A



586469



424145



C4C4C4



454545

Same Dimension

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



5D5869



77708A



655869



323036



220075



4800F5

Inverse Universe

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



695864



8A7082



5C6958



363034



750053



F500AD

Previews

White Background



This preview shows how the Hex color 5D5869 looks on a white background.

Color Contrast Check

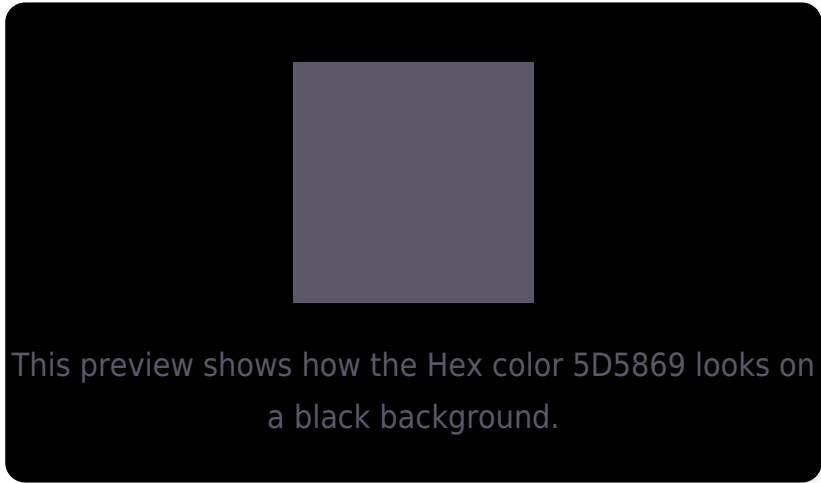
Large Text (above 18pt) WCAG AA ✓ Pass

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

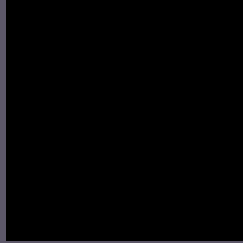
Any Text WCAG AA × Fail

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 5D5869 Background



This preview shows how black text looks on a background with the Hex color 5D5869.

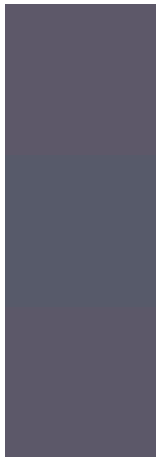


This preview shows how white text looks on a background with the Hex color 5D5869.

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
5D5869

Protanopia
575A6A

Deuteranopia
5C5869



Tritanopia
5C5961

Trichromacy



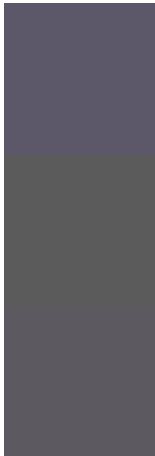
Original Color
5D5869

Protanomaly
59596A

Deuteranomaly
5C5869

Tritanomaly
5C5964

Monochromacy



Original Color
5D5869

Achromatopsia
5B5B5B

Achromatomaly
5C5A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5869 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 #5D5869 looks like.

```
.text, #text, p{  
    color:#5D5869  
}
```

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 #5D5869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5869
}
```

Border

The CSS property to change the border of an element to Hex 5D5869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

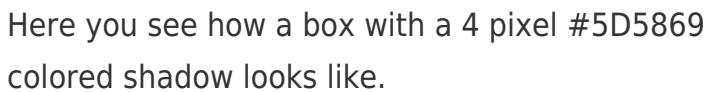
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5869 }
```

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

```
.border{ border-color:#5D5869 }
```

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



Here you see how a box with a 4 pixel #5D5869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5869; -webkit-box-shadow:4px 4px  
4px 4px #5D5869; box-shadow:4px 4px 4px  
4px #5D5869 }
```

Background

The CSS property to change the background color of an element to Hex 5D5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5869 }
```

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

```
.background{ background-color:#5D5869 }
```

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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