

Converting Colors

Hex(5D5969)

Have a look what the booklet for
Hex(5D5969) contains.

Hex(5D5969)	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(5D5969)

Conversions

Conversions Part 1

Format	Color
Hex	5D5969
RGB	93, 89, 105
RGB Percent	36%, 35%, 41%
CMY	0.6353, 0.6510, 0.5882
CMYK	0.11, 0.15, 0.00, 0.59
HSL	255°, 8%, 38%
HSV	255°, 15%, 41%
XYZ	10.6364, 10.4918, 14.8291
YIQ	92.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

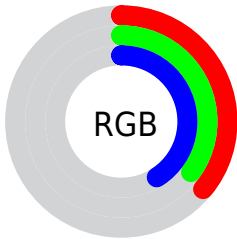
Format	Color
R_{YB}	93, 89, 105
Decimal	6117737
CIE Lab	38.71, 5.12, -8.57
CIE LCh	39, 9.985, 300.872
Yxy	10.4918, 0.2958, 0.2918
Android (android.graphics.Color)	4284307817 (0xFF5D5969)
YUV	92.0200, 6.3991, 0.8595
Hunter-Lab	32.3911, 1.9303, -4.4701

Details

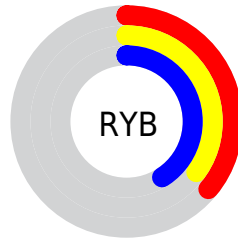
The Hex color **5D5969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **656959**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8F8B9C**, and **2F2C3A** is the 20% darker color. If you saturate the color by 10%, you get **554F69**, and if you desaturate by 10%, it is **656369**.

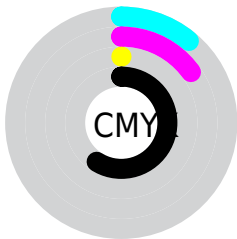
Distribution



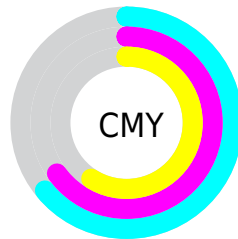
- Red (36%)
- Green (35%)
- Blue (41%)



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



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5969 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 5D5969 by changing the saturation by 10% instead.

■ 5D5969

■ 5D5969

FFFFFF

■ 454251

■ 8F8B9C

■ 2F2C3A

■ AAA5B7

■ 1A1724

■ C5C0D3

■ 00010F

■ E1DCEF

■ 000000

■ FEF9FF

■ 5D5969

■ 5D5969

■ 554F69

■ 656369

■ 4D4469

■ 6D6E69

■ 453A69

■ 757869

■ 3D2F69

■ 7D8369

■ 362569

■ 848E69

■ 2E1A69

■ 8C9869

■ 260F69

■ 94A269

■ 1E0569

■ 9CAD69

■ 1A0069

■ A4B869

Harmonies

Analogous

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



535C6B



5D5969



665763

Triad

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



5D5969



68584D



48605B

Complementary

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



5D5969



656959

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.



4F5F53



5D5969



615B4B

Square

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



5D5969



6C5653



585D4D



466063

Rectangle

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



5D5969



6A565E



585D4D



4A6058

Sweetspot

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



5D5969



85838A



596569



424145



C4C4C4



454545

Same Dimension

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



5D5969



77718A



655969



323036



1D0075



3D00F5

Inverse Universe

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



695965



8A7184



5D6959



363034



750058



F500B8

Previews

White Background



This preview shows how the Hex color 5D5969 looks on a white background.

Color Contrast Check

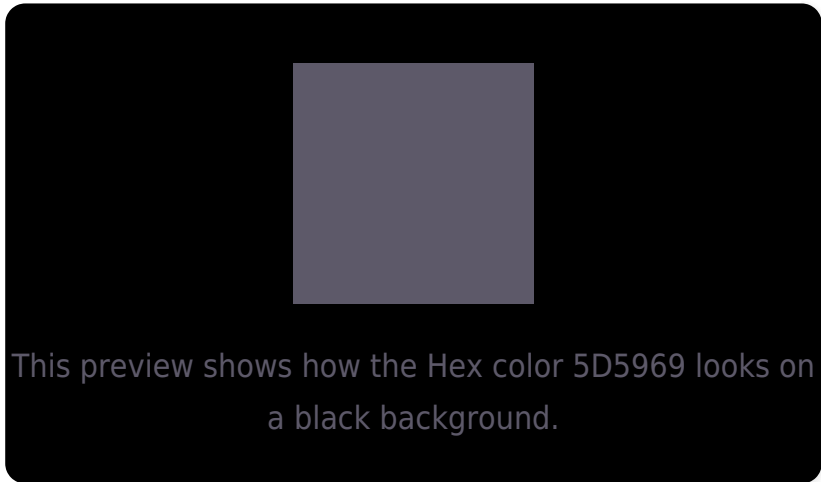
Large Text (above 18pt) WCAG AA ✓ Pass

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

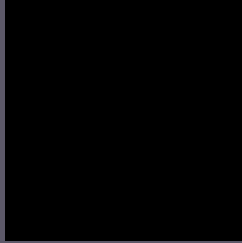
Any Text WCAG AA × Fail

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 5D5969 Background



This preview shows how black text looks on a background with the Hex color 5D5969.



This preview shows how white text looks on a background with the Hex color 5D5969.

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
5D5969

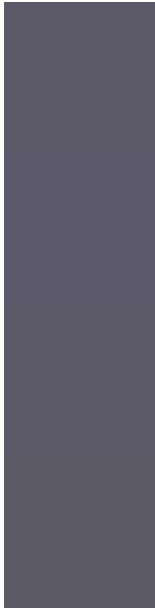
Protanopia
585A6A

Deuteranopia
5D5969



Tritanopia
5C5A61

Trichromacy



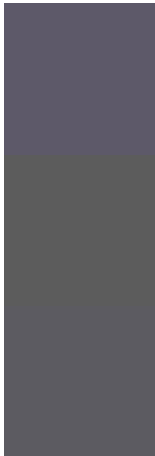
Original Color
5D5969

Protanomaly
5A5A6A

Deuteranomaly
5D5969

Tritanomaly
5C5A64

Monochromacy



Original Color
5D5969

Achromatopsia
5C5C5C

Achromatomaly
5C5B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5969 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 #5D5969 looks like.

```
.text, #text, p{  
    color:#5D5969  
}
```

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 #5D5969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5969
}
```

Border

The CSS property to change the border of an element to Hex 5D5969 is called "border". The border property can be set on classes, ids or directly on the HTML element.

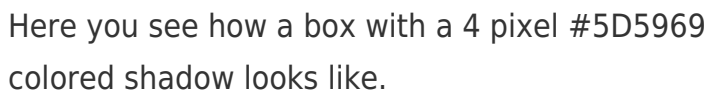
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5969 }
```

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

```
.border{ border-color:#5D5969 }
```

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



Here you see how a box with a 4 pixel #5D5969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5969; -webkit-box-shadow:4px 4px  
4px 4px #5D5969; box-shadow:4px 4px 4px  
4px #5D5969 }
```

Background

The CSS property to change the background color of an element to Hex 5D5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5969 }
```

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

```
.background{ background-color:#5D5969 }
```

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