

Converting Colors

Hex(5F5F66)

Have a look what the booklet for
Hex(5F5F66) contains.

Hex(5F5F66)	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(5F5F66)

Conversions

Conversions Part 1

Format	Color
Hex	5F5F66
RGB	95, 95, 102
RGB Percent	37%, 37%, 40%
CMY	0.6275, 0.6275, 0.6000
CMYK	0.07, 0.07, 0.00, 0.60
HSL	240°, 4%, 39%
HSV	240°, 7%, 40%
XYZ	11.2098, 11.5766, 14.2141
YIQ	95.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

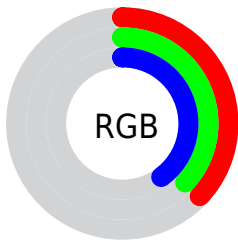
Format	Color
R _Y B	95, 95, 102
Decimal	6250342
CIE Lab	40.54, 1.52, -3.98
CIE LCh	41, 4.261, 290.832
Yxy	11.5766, 0.3030, 0.3129
Android (android.graphics.Color)	4284440422 (0xFF5F5F66)
YUV	95.7980, 3.0576, -0.6998
Hunter-Lab	34.0244, -0.7336, -0.9519

Details

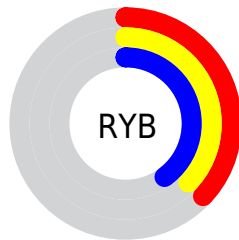
The Hex color **5F5F66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66665F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **919199**, and **313137** is the 20% darker color. If you saturate the color by 10%, you get **555566**, and if you desaturate by 10%, it is **696966**.

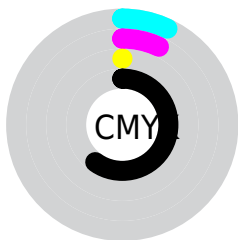
Distribution



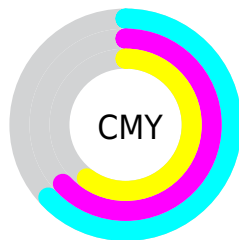
- Red (37%)
- Green (37%)
- Blue (40%)



- Red (37%)
- Yellow (37%)
- Blue (40%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (63%)
- Yellow (60%)
- Black (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5F66 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 5F5F66 by changing the saturation by 10% instead.

■ 5F5F66

■ 5F5F66

FFFFFF

■ 47474E

■ 919199

■ 313137

■ ACACB4

■ 1C1C22

■ C7C7CF

■ 01010C

■ E3E3EB

■ 000000

■ 5F5F66

■ 5F5F66

■ 555566

■ 696966

■ 4B4B66

■ 737366

■ 404066

■ 7E7E66

■ 363666

■ 888866

■ 2C2C66

■ 929266

■ 222266

■ 9C9C66

■ 181866

■ A6A666

■ 0D0D66

■ B1B166

■ 030366

■ BBBB66

Harmonies

Analogous

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



5B6066



5F5F66



635E64

Triad

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



5F5F66



665E5A



59625E

Complementary

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



5F5F66



66665F

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.



5C615B



5F5F66



645F59

Square

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



5F5F66



675D5D



606059



576262

Rectangle

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



5F5F66



655D62



606059



59615D

Sweetspot

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



5F5F66



828285



5F6666



414142



C2C2C2



424242

Same Dimension

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



5F5F66



7A7A85



635F66



2E2E33



000073



0000F2

Inverse Universe

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



665F66



857A85



63665F



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 5F5F66 looks on a white background.

Color Contrast Check

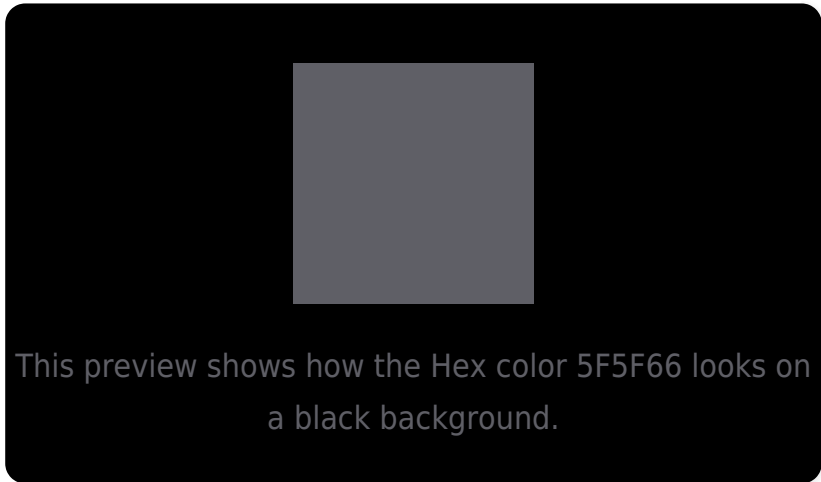
Large Text (above 18pt) WCAG AA ✓ Pass

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

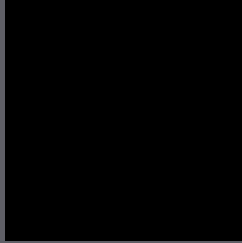
Any Text WCAG AA × Fail

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 5F5F66 Background



This preview shows how black text looks on a background with the Hex color 5F5F66.



This preview shows how white text looks on a background with the Hex color 5F5F66.

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

5F5F66

Protanopia

5F5F66

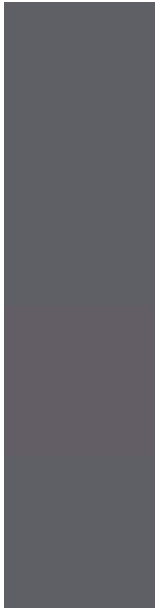
Deuteranopia

665D66



Tritanopia
5F5F66

Trichromacy



Original Color

5F5F66

Protanomaly

5F5F66

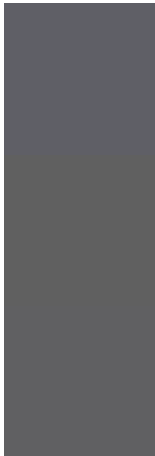
Deuteranomaly

635E66

Tritanomaly

5F5F66

Monochromacy



Original Color

5F5F66

Achromatopsia

606060

Achromatomaly

606062

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5F66 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 #5F5F66 looks like.

```
.text, #text, p{  
    color:#5F5F66  
}
```

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 #5F5F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5F66
}
```

Border

The CSS property to change the border of an element to Hex 5F5F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

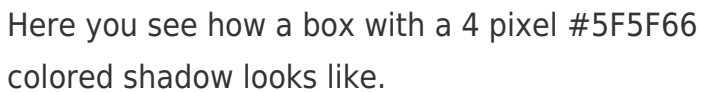
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F5F66 }
```

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

```
.border{ border-color:#5F5F66 }
```

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



Here you see how a box with a 4 pixel #5F5F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5F66; -webkit-box-shadow:4px 4px  
4px 4px #5F5F66; box-shadow:4px 4px 4px  
4px #5F5F66 }
```

Background

The CSS property to change the background color of an element to Hex 5F5F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5F66 }
```

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

```
.background{ background-color:#5F5F66 }
```

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