

Converting Colors

Hex(5F6868)

Have a look what the booklet for
Hex(5F6868) contains.

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Color

Hex(5F6868)

Conversions

Conversions Part 1

Format	Color
Hex	5F6868
RGB	95, 104, 104
RGB Percent	37%, 41%, 41%
CMY	0.6275, 0.5922, 0.5922
CMYK	0.09, 0.00, 0.00, 0.59
HSL	180°, 5%, 39%
HSV	180°, 9%, 41%
XYZ	12.1683, 13.3330, 15.0289
YIQ	101.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

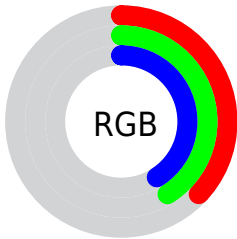
Format	Color
R_{YB}	95, 100, 104
Decimal	6252648
CIE _{Lab}	43.26, -3.43, -1.19
CIE _{LCh}	43, 3.633, 199.055
Yxy	13.3330, 0.3002, 0.3290
Android (android.graphics.Color)	4284442728 (0xFF5F6868)
YUV	101.3090, 1.3267, -5.5330
Hunter-Lab	36.5144, -4.4155, 1.1570

Details

The Hex color **5F6868** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685F5F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **919B9B**, and **313939** is the 20% darker color. If you saturate the color by 10%, you get **556868**, and if you desaturate by 10%, it is **696868**.

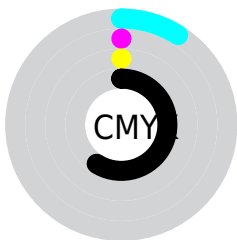
Distribution



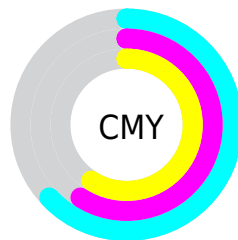
- Red (37%)
- Green (41%)
- Blue (41%)



- Red (37%)
- Yellow (39%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6868 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 5F6868 by changing the saturation by 10% instead.



5F6868



5F6868

FFFFFF



475050



919B9B



313939



ACB6B6



1C2424



C7D1D1



020E0E



E3EEEE



000000



5F6868



5F6868



556868



696868



4A6868



746868



406868



7E6868

■ 356868

■ 896868

■ 2B6868

■ 936868

■ 216868

■ 9D6868

■ 166868

■ A86868

■ 0C6868

■ B26868

■ 016868

■ BD6868

Harmonies

Analogous

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



606865



5F6868



60686B

Triad

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



5F6868



69656A



6A6660

Complementary

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



5F6868



685F5F

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.



6C6562



5F6868



6C6467

Square

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



5F6868



66666C



6D6464



676761

Rectangle

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



5F6868



61676C



6D6464



6B6561

Sweetspot

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



5F6868



838787



5F685F



424545



C4C4C4



454545

Same Dimension

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



5F6868



7A8787



5F6468



2E3333



007373



00F2F2

Inverse Universe

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



685F68



877A87



68645F



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 5F6868 looks on a white background.

Color Contrast Check

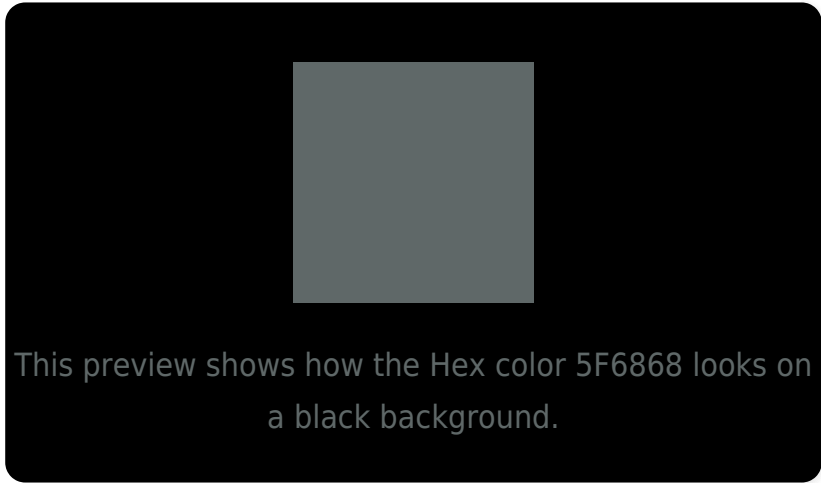
Large Text (above 18pt) WCAG AA ✓ Pass

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

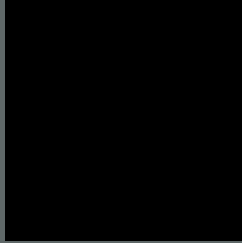
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

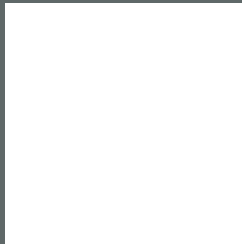
Any Text WCAG AAA × Fail

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

Hex 5F6868 Background



This preview shows how black text looks on a background with the Hex color 5F6868.



This preview shows how white text looks on a background with the Hex color 5F6868.

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](#).

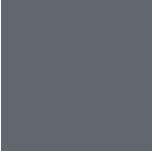
Dichromacy



Original Color
5F6868

Protanopia
686667

Deuteranopia
6F6369



Tritanopia
60676F

Trichromacy



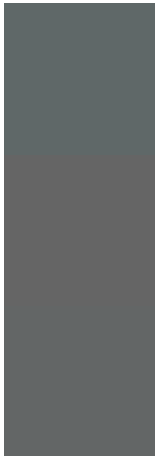
Original Color
5F6868

Protanomaly
656767

Deuteranomaly
696569

Tritanomaly
60676C

Monochromacy



Original Color
5F6868

Achromatopsia
656565

Achromatomaly
636666

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6868 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 #5F6868 looks like.

```
.text, #text, p{  
    color:#5F6868  
}
```

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 #5F6868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6868
}
```

Border

The CSS property to change the border of an element to Hex 5F6868 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
#5F6868 }
```

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

```
.border{ border-color:#5F6868 }
```

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

Here you see how a box with a 4 pixel #5F6868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6868; -webkit-box-shadow:4px 4px  
4px 4px #5F6868; box-shadow:4px 4px 4px  
4px #5F6868 }
```

Background

The CSS property to change the background color of an element to Hex 5F6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6868 }
```

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

```
.background{ background-color:#5F6868 }
```

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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