

Converting Colors

Hex(5F6864)

Have a look what the booklet for
Hex(5F6864) contains.

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Color

Hex(5F6864)

Conversions

Conversions Part 1

Format	Color
Hex	5F6864
RGB	95, 104, 100
RGB Percent	37%, 41%, 39%
CMY	0.6275, 0.5922, 0.6078
CMYK	0.09, 0.00, 0.04, 0.59
HSL	153°, 5%, 39%
HSV	153°, 9%, 41%
XYZ	11.9699, 13.2536, 13.9839
YIQ	100.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

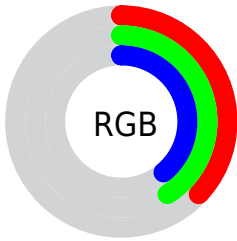
Format	Color
R _Y B	95, 101, 104
Decimal	6252644
CIE Lab	43.14, -4.30, 1.06
CIE LCh	43, 4.433, 166.114
Yxy	13.2536, 0.3053, 0.3380
Android (android.graphics.Color)	4284442724 (0xFF5F6864)
YUV	100.8530, -0.4205, -5.1331
Hunter-Lab	36.4055, -5.0201, 2.7097

Details

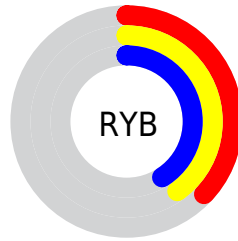
The Hex color **5F6864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685F63**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **919B97**, and **313935** is the 20% darker color. If you saturate the color by 10%, you get **55685F**, and if you desaturate by 10%, it is **696869**.

Distribution



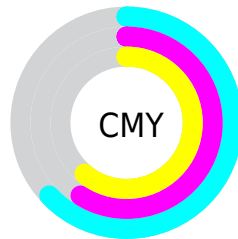
- Red (37%)
- Green (41%)
- Blue (39%)



- Red (37%)
- Yellow (40%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6864 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 5F6864 by changing the saturation by 10% instead.



5F6864



5F6864

FFFFFF



47504C



919B97



313935



ACB6B1



1C2420



C7D2CD



010E09



E3EEE9



000000



5F6864



5F6864



55685F



696869



4A685B



74686D



406856



7E6872

■ 356852

■ 896876

■ 2B684D

■ 93687B

■ 216848

■ 9D6880

■ 166844

■ A86884

■ 0C683F

■ B26889

■ 01683A

■ BD688E

Harmonies

Analogous

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



636761



5F6864



5D6868

Triad

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



5F6864



65666D



6D6461

Complementary

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



5F6864



685F63

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.



6E6464



5F6864



69646B

Square

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



5F6864



60676D



6C6468



6B655F

Rectangle

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



5F6864



5D686A



6C6468



6E6462

Sweetspot

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



5F6864



838785



63685F



424544



C4C4C4



454545

Same Dimension

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



5F6864



7A8781



5F6868



2E3331



007340



00F287

Inverse Universe

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



685F63



877A80



685F5F



332E30



730033



F2006C

Previews

White Background



This preview shows how the Hex color 5F6864 looks on a white background.

Color Contrast Check

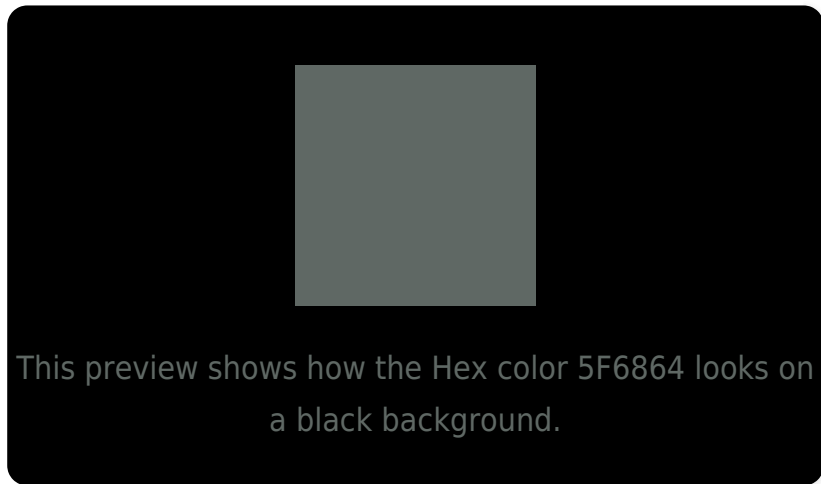
Large Text (above 18pt) WCAG AA ✓ Pass

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

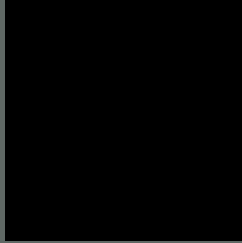
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

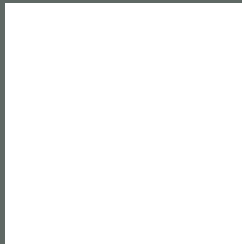
Any Text WCAG AAA × Fail

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

Hex 5F6864 Background



This preview shows how black text looks on a background with the Hex color 5F6864.



This preview shows how white text looks on a background with the Hex color 5F6864.

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


5F6864

Protanopia

686562

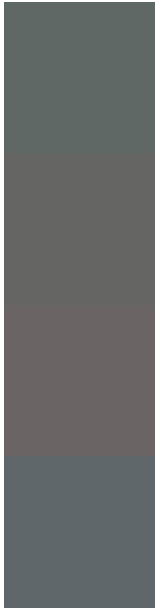
Deuteranopia

706265



Tritanopia
61666F

Trichromacy



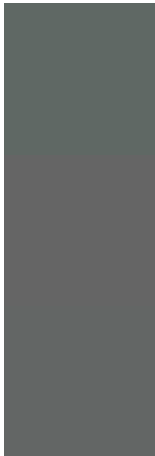
Original Color
5F6864

Protanomaly
656663

Deuteranomaly
6A6465

Tritanomaly
60676B

Monochromacy



Original Color
5F6864

Achromatopsia
656565

Achromatomaly
636665

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6864 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 #5F6864 looks like.

```
.text, #text, p{  
    color:#5F6864  
}
```

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 #5F6864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6864
}
```

Border

The CSS property to change the border of an element to Hex 5F6864 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
#5F6864 }
```

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

```
.border{ border-color:#5F6864 }
```

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

Here you see how a box with a 4 pixel #5F6864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6864; -webkit-box-shadow:4px 4px  
4px 4px #5F6864; box-shadow:4px 4px 4px  
4px #5F6864 }
```

Background

The CSS property to change the background color of an element to Hex 5F6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6864 }
```

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

```
.background{ background-color:#5F6864 }
```

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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