

# Converting Colors

Hex(5D6B64)

Have a look what the booklet for  
Hex(5D6B64) contains.

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# Color

Hex(5D6B64)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6B64
RGB	93, 107, 100
RGB Percent	36%, 42%, 39%
CMY	0.6353, 0.5804, 0.6078
CMYK	0.13, 0.00, 0.07, 0.58
HSL	150°, 7%, 39%
HSV	150°, 13%, 42%
XYZ	12.0721, 13.7626, 14.0768
YIQ	102.0160, -6.0970, -5.1450

# Conversions

## Conversions Part 2

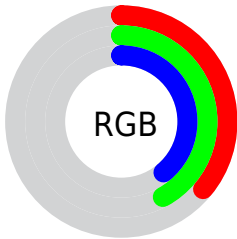
Format	Color
R <sub>Y</sub> B	93, 102, 107
Decimal	6122340
CIE Lab	43.89, -6.81, 2.13
CIE LCh	44, 7.140, 162.641
Yxy	13.7626, 0.3025, 0.3448
Android (android.graphics.Color)	4284312420 (0xFF5D6B64)
YUV	102.0160, -0.9939, -7.9070
Hunter-Lab	37.0980, -6.8355, 3.4712

# Details

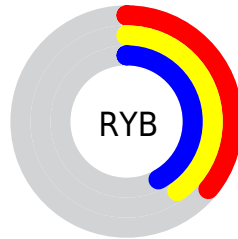
The Hex color **5D6B64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5D64**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8F9E97**, and **2F3C35** is the 20% darker color. If you saturate the color by 10%, you get **526B5F**, and if you desaturate by 10%, it is **686B69**.

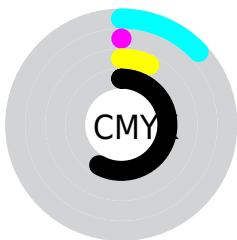
# Distribution



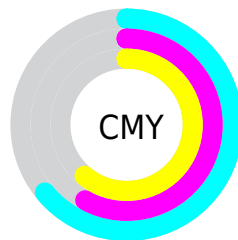
- Red (36%)
- Green (42%)
- Blue (39%)



- Red (36%)
- Yellow (40%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6B64 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 5D6B64 by changing the saturation by 10% instead.



 5D6B64

 5D6B64

FFFFFF

 45534C

 8F9E97

 2F3C35

 AAB9B1

 1A2620

 C5D5CD

 001209

 E1F1E9

 000000

FEFFFF

 5D6B64

 5D6B64

 526B5F

 686B69

 486B59

 726B6F

3D6B54

7D6B74

326B4F

886B79

286B49

936B7F

1D6B44

9D6B84

126B3F

A86B89

076B39

B36B8F

006B36

BD6B94

# Harmonies

## Analogous

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



636A5F



5D6B64



596B6A

# Triad

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



5D6B64



656773



746560

# Complementary

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



5D6B64



6B5D64

# 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.



746465



5D6B64



6C6570

# Square

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



5D6B64



5E6973



72646B



70665D

# Rectangle

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



5D6B64



596B6E



72646B



746462



# Sweetspot

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



5D6B64



878C89



646B5D



444746



C7C7C7



474747



# Same Dimension

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



5D6B64



768C81



5D6B6B



303633



00753B



00F57A



# Inverse Universe

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



6B5D64



8C7681



6B5D5D



363033



75003B

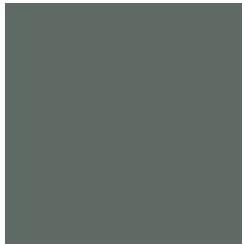


F5007A



# Previews

## White Background



This preview shows how the Hex color 5D6B64 looks on a white background.

## Color Contrast Check

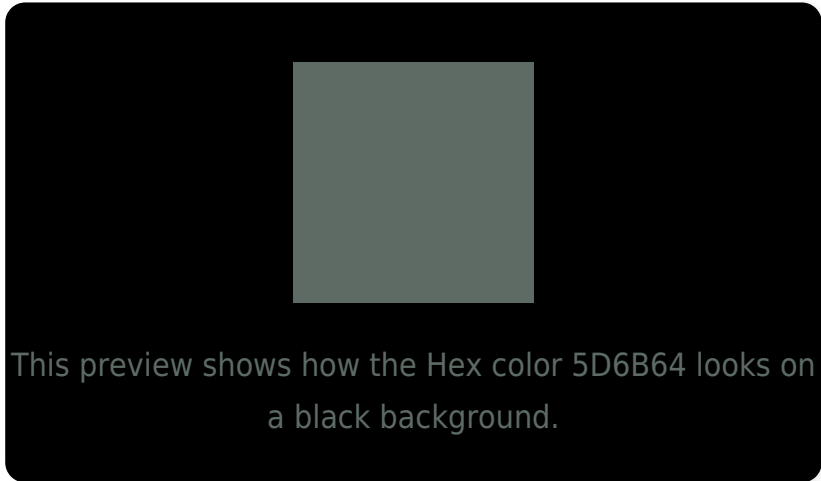
Large Text (above 18pt) WCAG AA ✓ Pass

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

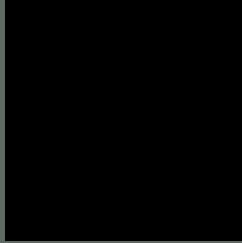
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D6B64 Background



This preview shows how black text looks on a background with the Hex color 5D6B64.



This preview shows how white text looks on a background with the Hex color 5D6B64.

# 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**  
5D6B64

**Protanopia**  
6B6762

**Deuteranopia**  
726465



**Tritanopia**  
5F6971

# Trichromacy



**Original Color**  
5D6B64

**Protanomaly**  
666863

**Deuteranomaly**  
6A6765

**Tritanomaly**  
5E6A6C

# Monochromacy



**Original Color**  
5D6B64

**Achromatopsia**  
666666

**Achromatomaly**  
636865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6B64 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 #5D6B64 looks like.

```
.text, #text, p{  
    color:#5D6B64  
}
```

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 #5D6B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6B64
}
```

## Border

The CSS property to change the border of an element to Hex 5D6B64 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
#5D6B64 }
```

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

```
.border{ border-color:#5D6B64 }
```

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

Here you see how a box with a 4 pixel #5D6B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6B64; -webkit-box-shadow:4px 4px  
4px 4px #5D6B64; box-shadow:4px 4px 4px  
4px #5D6B64 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6B64 }
```

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

```
.background{ background-color:#5D6B64 }
```

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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