

# Converting Colors

Hex(5D6365)

Have a look what the booklet for  
Hex(5D6365) contains.

<b>Hex(5D6365)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5D6365)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6365
RGB	93, 99, 101
RGB Percent	36%, 39%, 40%
CMY	0.6353, 0.6118, 0.6039
CMYK	0.08, 0.02, 0.00, 0.60
HSL	195°, 4%, 38%
HSV	195°, 8%, 40%
XYZ	11.3250, 12.1904, 14.0680
YIQ	97.4340, -4.2180, -0.6500

# Conversions

## Conversions Part 2

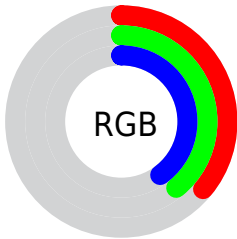
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 96, 101
Decimal	6120293
CIE <sub>Lab</sub>	41.52, -1.88, -1.94
CIE <sub>LCh</sub>	42, 2.702, 225.910
Yxy	12.1904, 0.3013, 0.3244
Android (android.graphics.Color)	4284310373 (0xFF5D6365)
<b>YUV</b>	97.4340, 1.7580, -3.8886
Hunter-Lab	34.9148, -3.2024, 0.5510

# Details

The Hex color **5D6365** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655F5D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8F9698**, and **2F3536** is the 20% darker color. If you saturate the color by 10%, you get **536065**, and if you desaturate by 10%, it is **676665**.

# Distribution



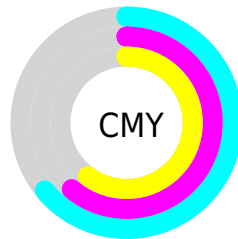
- Red (36%)
- Green (39%)
- Blue (40%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (61%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6365 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 5D6365 by changing the saturation by 10% instead.



■ 5D6365

■ 5D6365

FFFFFF

■ 454B4D

■ 8F9698

■ 2F3536

■ AAB0B3

■ 1A1F21

■ C5CCCE

■ 00070A

■ E1E8EA

■ 000000

FEFFFF

■ 5D6365

■ 5D6365

■ 536065

■ 676665

■ 495E65

■ 716865

■ 3F5B65

■ 7B6B65

■ 355965

■ 856D65

■ 2B5665

■ 907065

■ 205465

■ 9A7265

■ 165165

■ A47565

■ 0C4F65

■ AE7765

■ 024C65

■ B87A65

# Harmonies

## Analogous

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



5D6363



5D6365



5F6266

# Triad

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



5D6365



666163



63625E

# Complementary

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



5D6365



655F5D

# 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.



65615E



5D6365



676061

# Square

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



5D6365



646165



67615F



60635F

# Rectangle

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



5D6365



606266



67615F



63625E



# Sweetspot

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



5D6365



7F8182



5D655F



414242



C2C2C2



424242



# Same Dimension

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



5D6365



757F82



5D5F65



2E3233



005673



00B6F2



# Inverse Universe

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



655D63



82757F



65635D



332E32



730056



F200B6



# Previews

## White Background



This preview shows how the Hex color 5D6365 looks on a white background.

## Color Contrast Check

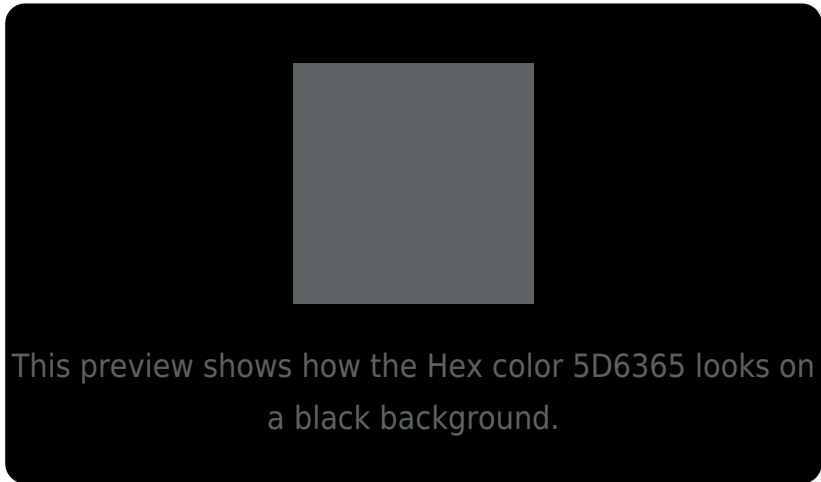
Large Text (above 18pt) WCAG AA ✓ Pass

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

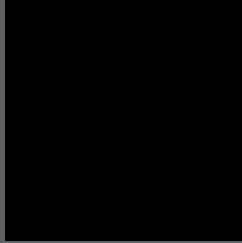
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

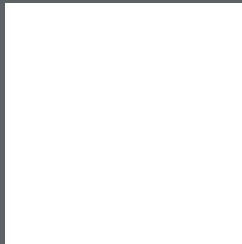
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D6365 Background



This preview shows how black text looks on a background with the Hex color 5D6365.



This preview shows how white text looks on a background with the Hex color 5D6365.

# 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**  
5D6365

**Protanopia**  
636164

**Deuteranopia**  
695F66



**Tritanopia**  
5E626A

# Trichromacy



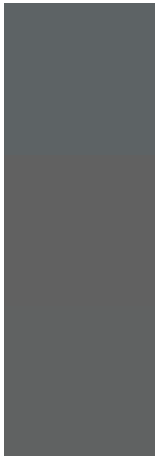
**Original Color**  
5D6365

**Protanomaly**  
616264

**Deuteranomaly**  
656066

**Tritanomaly**  
5E6268

# Monochromacy



**Original Color**  
5D6365

**Achromatopsia**  
616161

**Achromatomaly**  
606262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6365 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 #5D6365 looks like.

```
.text, #text, p{  
    color:#5D6365  
}
```

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 #5D6365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6365
}
```

## Border

The CSS property to change the border of an element to Hex 5D6365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

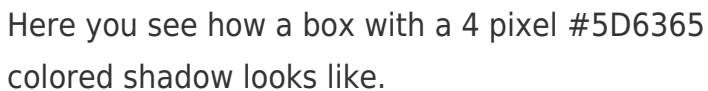
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6365 }
```

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

```
.border{ border-color:#5D6365 }
```

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



Here you see how a box with a 4 pixel #5D6365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6365; -webkit-box-shadow:4px 4px  
4px 4px #5D6365; box-shadow:4px 4px 4px  
4px #5D6365 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6365 }
```

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

```
.background{ background-color:#5D6365 }
```

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