

# Converting Colors

Hex(5D7056)

Have a look what the booklet for  
Hex(5D7056) contains.

|  |    |
|--|----|
| <b>Hex(5D7056)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(5D7056)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5D7056                      |
| RGB         | 93, 112, 86                 |
| RGB Percent | 36%, 44%, 34%               |
| CMY         | 0.6353, 0.5608, 0.6627      |
| CMYK        | 0.17, 0.00, 0.23, 0.56      |
| HSL         | 104°, 13%, 39%              |
| HSV         | 104°, 23%, 44%              |
| XYZ         | 11.9881, 14.5874, 10.9879   |
| YIQ         | 103.3550, -2.9780, -12.1140 |

# Conversions

## Conversions Part 2

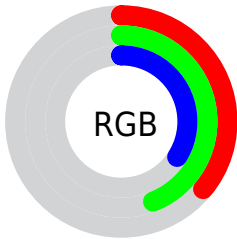
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 86, 112, 105                  |
| Decimal                             | 6123606                       |
| CIE Lab                             | 45.06, -12.46, 12.17          |
| CIE LCh                             | 45, 17.413, 135.670           |
| Yxy                                 | 14.5874, 0.3191,<br>0.3883    |
| Android<br>(android.graphics.Color) | 4284313686<br>(0xFF5D7056)    |
| YUV                                 | 103.3550, -8.5560,<br>-9.0813 |
| Hunter-Lab                          | 38.1934, -10.8112,<br>9.6782  |

# Details

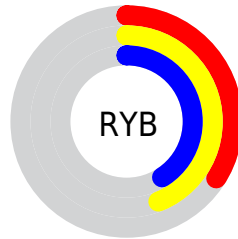
The Hex color **5D7056** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **695670**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **90A488**, and **2F4029** is the 20% darker color. If you saturate the color by 10%, you get **55704B**, and if you desaturate by 10%, it is **657061**.

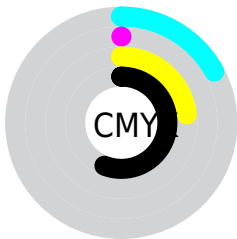
# Distribution



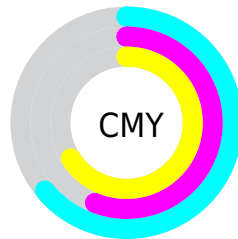
- Red (36%)
- Green (44%)
- Blue (34%)



- Red (34%)
- Yellow (44%)
- Blue (41%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D7056 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 5D7056 by changing the saturation by 10% instead.



 5D7056

 5D7056

FFFFFF

 45583F

 90A488

 2F4029

 AABFA2

 192A14

 C6DBBD

 001700

 E2F7D9

 000000

 FEFFF5

 5D7056

 5D7056

 55704B

 657061

 4D7040

 6D706C

■ 447034

■ 767078

■ 3C7029

■ 7E7083

■ 34701E

■ 86708E

■ 2C7013

■ 8E7099

■ 247008

■ 9670A4

■ 1E7000

■ 9E70B0

■ A770BB

# Harmonies

## Analogous

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



6D6C4F



5D7056



4D7263

# Triad

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



5D7056



506E86



886063

# Complementary

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



5D7056



695670

# 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.



836172



5D7056



646986

# Square

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



5D7056



42717F



76647F



856356

# Rectangle

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



5D7056



45736D



76647F



886068



# Sweetspot

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



5D7056



8A9187



706956



464A44



C9C9C9



4A4A4A



# Same Dimension

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



5D7056



749169



56705C



343832



207800



43F700



# Inverse Universe

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



695670



866991



70566A



373238



580078

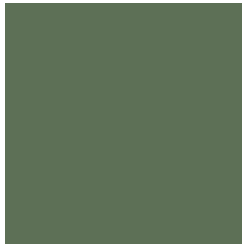


B500F7



# Previews

## White Background



This preview shows how the Hex color 5D7056 looks on a white background.

## Color Contrast Check

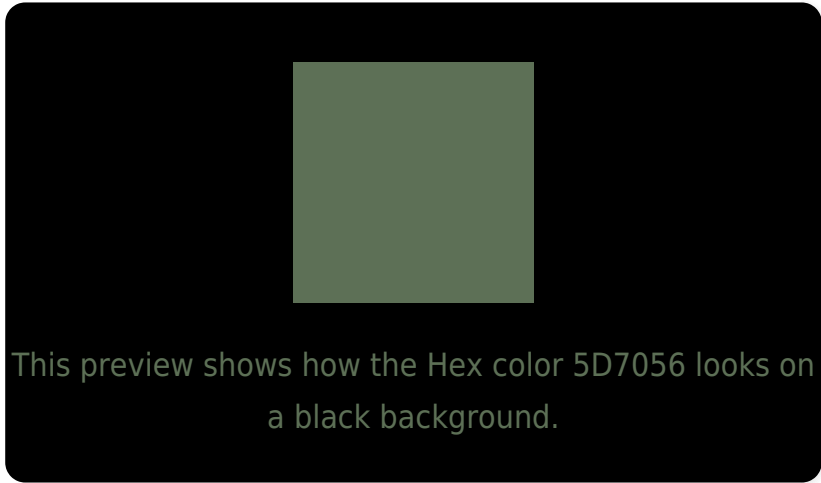
Large Text (above 18pt) WCAG AA ✓ Pass

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

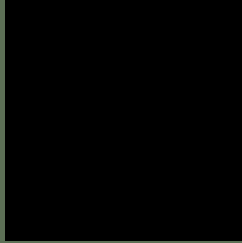
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D7056 Background



This preview shows how black text looks on a background with the Hex color 5D7056.



This preview shows how white text looks on a background with the Hex color 5D7056.

# 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**  
5D7056

**Protanopia**  
716A53

**Deuteranopia**  
7B6658



**Tritanopia**  
626C74

# Trichromacy



**Original Color**  
5D7056

**Protanomaly**  
6A6C54

**Deuteranomaly**  
706A57

**Tritanomaly**  
606D69

# Monochromacy



**Original Color**  
5D7056

**Achromatopsia**  
676767

**Achromatomaly**  
636A61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D7056 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 #5D7056 looks like.

```
.text, #text, p{  
    color:#5D7056  
}
```

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 #5D7056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7056
}
```

## Border

The CSS property to change the border of an element to Hex 5D7056 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
#5D7056 }
```

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

```
.border{ border-color:#5D7056 }
```

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

Here you see how a box with a 4 pixel #5D7056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7056; -webkit-box-shadow:4px 4px  
4px 4px #5D7056; box-shadow:4px 4px 4px  
4px #5D7056 }
```

# Background

The CSS property to change the background color of an element to Hex 5D7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7056 }
```

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

```
.background{ background-color:#5D7056 }
```

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