

# Converting Colors

Hex(576243)

Have a look what the booklet for  
Hex(576243) contains.

<b>Hex(576243)</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(576243)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576243
RGB	87, 98, 67
RGB Percent	34%, 38%, 26%
CMY	0.6588, 0.6157, 0.7373
CMYK	0.11, 0.00, 0.32, 0.62
HSL	81°, 19%, 32%
HSV	81°, 32%, 38%
XYZ	9.3113, 11.1668, 6.9749
YIQ	91.1770, 3.3950, -11.9730

# Conversions

## Conversions Part 2

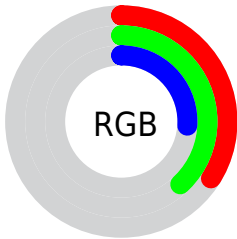
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 98, 78
Decimal	5726787
CIELab	39.86, -10.28, 16.29
CIELCh	40, 19.260, 122.265
Yxy	11.1668, 0.3392, 0.4068
Android (android.graphics.Color)	4283916867 (0xFF576243)
YUV	91.1770, -11.9193, -3.6632
Hunter-Lab	33.4168, -8.7421, 11.0166

# Details

The Hex color **576243** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E4362**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **899573**, and **293417** is the 20% darker color. If you saturate the color by 10%, you get **546239**, and if you desaturate by 10%, it is **5A624D**.

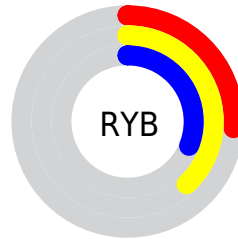
# Distribution



Red (34%)

Green (38%)

Blue (26%)



Red (26%)

Yellow (38%)

Blue (31%)

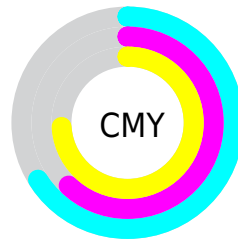


Cyan (11%)

Magenta (0%)

Yellow (32%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576243 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 576243 by changing the saturation by 10% instead.



 576243

 576243

FFFFFF

 3F4A2D

 899573

 293417

 A4AF8D

 161E00

 BFCBA7

 000000

 DBE7C3

 F7FFDF

 FFFFFB

 576243

 576243

 546239

 5A624D

■ 50622F

■ 5E6257

■ 4D6226

■ 616260

■ 49621C

■ 65626A

■ 466212

■ 686274

■ 426208

■ 6C627E

■ 3F6200

■ 6F6288

■ 736291

■ 76629B

# Harmonies

## Analogous

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



685D3E



576243



45654F

# Triad

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



576243



366379



7C525D

# Complementary

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



576243



4E4362

# 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.



73556D



576243



4B5F7D

# Square

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



576243



2C666E



625978



7D544E

# Rectangle

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



576243



396659



625978



7A5363



# Sweetspot

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



576243



7B8074



624E43



3D4039



BFBFBF



404040



# Same Dimension

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



576243



6E804F



486243



2F302C



487000



9BF000



# Inverse Universe

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



4E4362



604F80



5D4362



2D2C30



280070



5500F0



# Previews

## White Background



This preview shows how the Hex color 576243 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

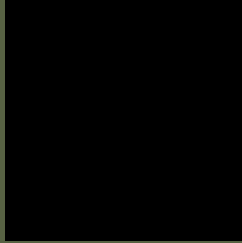
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

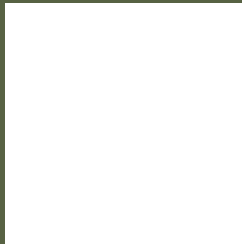
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 576243 Background



This preview shows how black text looks on a background with the Hex color 576243.



This preview shows how white text looks on a background with the Hex color 576243.

# 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**  
576243

**Protanopia**  
655E41

**Deuteranopia**  
6F5A45



**Tritanopia**  
5C5E65

# Trichromacy



**Original Color**  
576243

**Protanomaly**  
605F42

**Deuteranomaly**  
665D44

**Tritanomaly**  
5A5F59

# Monochromacy



**Original Color**  
576243

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5A5E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576243 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 #576243 looks like.

```
.text, #text, p{  
    color:#576243  
}
```

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 #576243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576243
}
```

## Border

The CSS property to change the border of an element to Hex 576243 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".

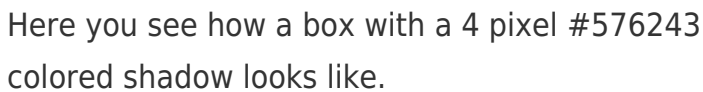
```
.border, #border, table{ border:4px solid
#576243 }
```

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

```
.border{ border-color:#576243 }
```

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

Here you see how a box with a 4 pixel #576243 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576243; -webkit-box-shadow:4px 4px  
4px 4px #576243; box-shadow:4px 4px 4px  
4px #576243 }
```

# Background

The CSS property to change the background color of an element to Hex 576243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576243 }
```

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

```
.background{ background-color:#576243 }
```

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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