

# Converting Colors

Hex(56654B)

Have a look what the booklet for  
Hex(56654B) contains.

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# Color

**Hex(56654B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56654B
RGB	86, 101, 75
RGB Percent	34%, 40%, 29%
CMY	0.6627, 0.6039, 0.7059
CMYK	0.15, 0.00, 0.26, 0.60
HSL	95°, 15%, 35%
HSV	95°, 26%, 40%
XYZ	9.7614, 11.7938, 8.4186
YIQ	93.5510, -0.5940, -11.2660

# Conversions

## Conversions Part 2

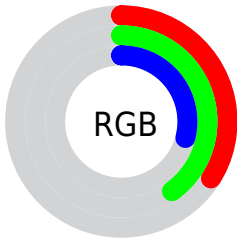
Format	Color
<b>RYB</b>	75, 101, 90
Decimal	5662027
CIELab	40.89, -11.05, 12.88
CIELCh	41, 16.968, 130.633
Yxy	11.7938, 0.3257, 0.3935
Android (android.graphics.Color)	4283852107 (0xFF56654B)
YUV	93.5510, -9.1456, -6.6222
Hunter-Lab	34.3421, -9.3616, 9.5052

# Details

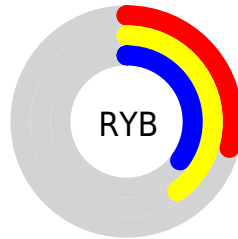
The Hex color **56654B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A4B65**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **88987C**, and **28361F** is the 20% darker color. If you saturate the color by 10%, you get **506541**, and if you desaturate by 10%, it is **5C6555**.

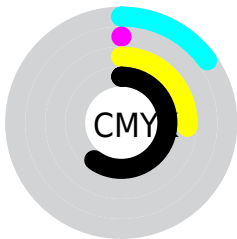
# Distribution



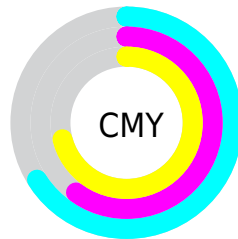
- Red (34%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (35%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56654B 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 56654B by changing the saturation by 10% instead.



■ 56654B

■ 56654B

FFFFFF

■ 3F4D34

■ 88987C

■ 28361F

■ A2B396

■ 142108

■ BDCEB0

■ 000600

■ D9EACC

■ 000000

■ F6FFE8

■ 56654B

■ 56654B

■ 506541

■ 5C6555

■ 4A6537

■ 62655F

■ 45652D

■ 676569

■ 3F6523

■ 6D6573

■ 396519

■ 73657E

■ 33650E

■ 796588

■ 2D6504

■ 7F6592

■ 2B6500

■ 85659C

■ 8A65A6

# Harmonies

## Analogous

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



666145



56654B



466757

# Triad

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



56654B



43647A



7C565C

# Complementary

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



56654B



5A4B65

# 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.



76576A



56654B



56607C

# Square

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



56654B



386772



695B76



7B584F

# Rectangle

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



56654B



3D6860



695B76



7B5661



# Sweetspot

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



56654B



7C8278



655A4B



3E423C



C2C2C2



424242



# Same Dimension

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



56654B



6B825A



4B654D



30332E



317300



66F200



# Inverse Universe

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



5A4B65



715A82



654B63



312E33



420073



8C00F2



# Previews

## White Background



This preview shows how the Hex color 56654B looks on a white background.

## Color Contrast Check

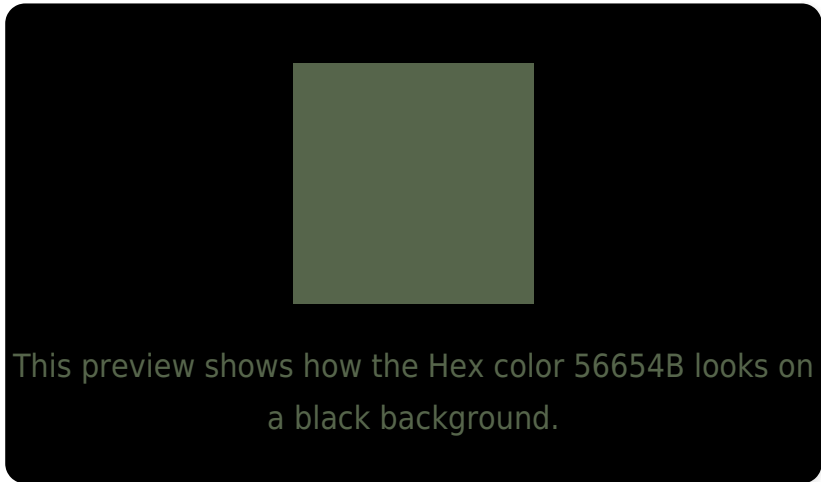
Large Text (above 18pt) WCAG AA ✓ Pass

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

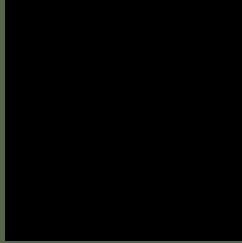
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

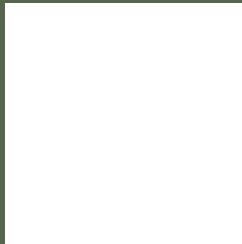
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56654B Background



This preview shows how black text looks on a background with the Hex color 56654B.



This preview shows how white text looks on a background with the Hex color 56654B.

# 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**  
56654B

**Protanopia**  
676049

**Deuteranopia**  
705C4D



**Tritanopia**  
5B6169

# Trichromacy



**Original Color**  
56654B

**Protanomaly**  
61624A

**Deuteranomaly**  
675F4C

**Tritanomaly**  
59625E

# Monochromacy



**Original Color**  
56654B

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5B6157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56654B 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 #56654B looks like.

```
.text, #text, p{  
    color:#56654B  
}
```

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 #56654B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56654B
}
```

## Border

The CSS property to change the border of an element to Hex 56654B 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".

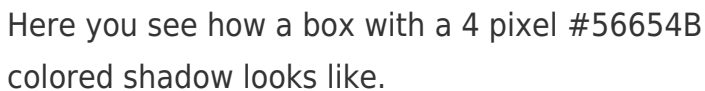
```
.border, #border, table{ border:4px solid
#56654B }
```

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

```
.border{ border-color:#56654B }
```

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

Here you see how a box with a 4 pixel #56654B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56654B; -webkit-box-shadow:4px 4px  
4px 4px #56654B; box-shadow:4px 4px 4px  
4px #56654B }
```

# Background

The CSS property to change the background color of an element to Hex 56654B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56654B }
```

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

```
.background{ background-color:#56654B }
```

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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