

# Converting Colors

Hex(656133)

Have a look what the booklet for  
Hex(656133) contains.

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**Color**

**Hex(656133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	656133
RGB	101, 97, 51
RGB Percent	40%, 38%, 20%
CMY	0.6039, 0.6196, 0.8000
CMYK	0.00, 0.04, 0.50, 0.60
HSL	55°, 33%, 30%
HSV	55°, 50%, 40%
XYZ	10.2391, 11.5551, 4.8227
YIQ	92.9520, 17.1500, -13.4580

# Conversions

## Conversions Part 2

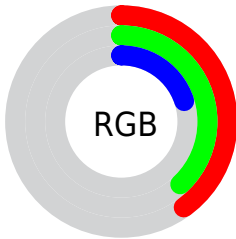
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 101, 51
Decimal	6644019
CIELab	40.50, -5.63, 26.65
CIELCh	41, 27.238, 101.920
Yxy	11.5551, 0.3847, 0.4341
Android (android.graphics.Color)	4284834099 (0xFF656133)
YUV	92.9520, -20.6823, 7.0581
Hunter-Lab	33.9928, -5.7209, 15.3833

# Details

The Hex color **656133** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333765**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **999363**, and **353305** is the 20% darker color. If you saturate the color by 10%, you get **656029**, and if you desaturate by 10%, it is **65623D**.

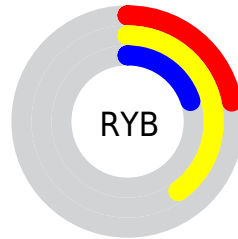
# Distribution



Red (40%)

Green (38%)

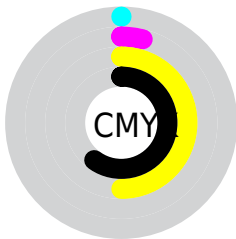
Blue (20%)



Red (22%)

Yellow (40%)

Blue (20%)

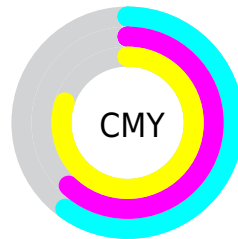


Cyan (0%)

Magenta (4%)

Yellow (50%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 656133 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 656133 by changing the saturation by 10% instead.



 656133

 656133

FFFFFF

 4C491D

 999363

 353305

 B4AE7C

 1E1E00

 D0C996

 000300

 EDE5B1

 000000

 FFFFCC

 FFFF E9

 656133

 656133

 656029

 65623D

■ 655F1F

■ 656347

■ 655F15

■ 656351

■ 655E0B

■ 65645B

■ 655D01

■ 656566

■ 655D00

■ 656670

■ 65677A

■ 656784

■ 65688E

# Harmonies

## Analogous

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



795935



656133



4C673D

# Triad

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



656133



006A7D



82506E

# Complementary

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



656133



333765

# 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.



6D5681



656133



216689

# Square

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



656133



006B68



4D5F8B



8A4E57

# Rectangle

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



656133



3A694A



4D5F8B



7D5175



# Sweetspot

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



656133



82806F



653337



424136



C2C2C2



424242



# Same Dimension

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



656133



827C35



506533



33332E



736A00



F2DF00



# Inverse Universe

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



333765



353B82



483365



2E2E33



000973



0013F2



# Previews

## White Background



This preview shows how the Hex color 656133 looks on a white background.

## Color Contrast Check

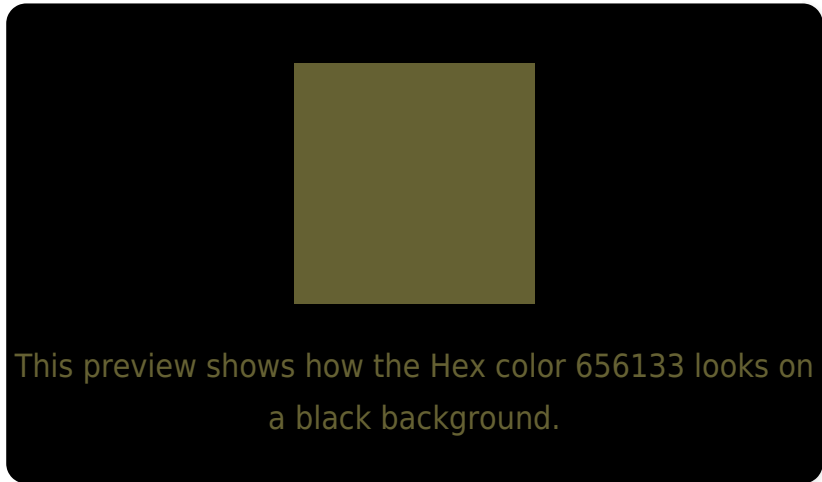
Large Text (above 18pt) WCAG AA ✓ Pass

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

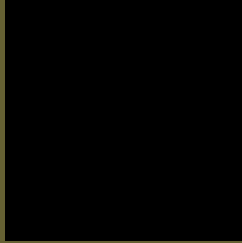
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

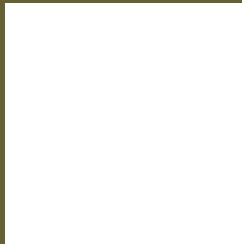
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 656133 Background



This preview shows how black text looks on a background with the Hex color 656133.



This preview shows how white text looks on a background with the Hex color 656133.

# 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**  
656133

**Protanopia**  
696033

**Deuteranopia**  
755B34



**Tritanopia**  
6A5C63

# Trichromacy



**Original Color**  
656133

**Protanomaly**  
686033

**Deuteranomaly**  
6F5D34

**Tritanomaly**  
685E52

# Monochromacy



**Original Color**  
656133

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
605E4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 656133 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 #656133 looks like.

```
.text, #text, p{  
    color:#656133  
}
```

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 #656133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656133
}
```

## Border

The CSS property to change the border of an element to Hex 656133 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
#656133 }
```

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

```
.border{ border-color:#656133 }
```

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

Here you see how a box with a 4 pixel #656133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656133; -webkit-box-shadow:4px 4px  
4px 4px #656133; box-shadow:4px 4px 4px  
4px #656133 }
```

# Background

The CSS property to change the background color of an element to Hex 656133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656133 }
```

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

```
.background{ background-color:#656133 }
```

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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