

# Converting Colors

Hex(666052)

Have a look what the booklet for  
Hex(666052) contains.

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# Color

**Hex(666052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666052
RGB	102, 96, 82
RGB Percent	40%, 38%, 32%
CMY	0.6000, 0.6235, 0.6784
CMYK	0.00, 0.06, 0.20, 0.60
HSL	42°, 11%, 36%
HSV	42°, 20%, 40%
XYZ	11.1854, 11.7997, 9.6707
YIQ	96.1980, 8.0700, -3.0820

# Conversions

## Conversions Part 2

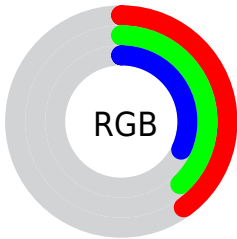
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 102, 82
Decimal	6709330
CIELab	40.90, -0.22, 8.86
CIELCh	41, 8.866, 91.411
Yxy	11.7997, 0.3425, 0.3613
Android (android.graphics.Color)	4284899410 (0xFF666052)
YUV	96.1980, -6.9996, 5.0884
Hunter-Lab	34.3507, -1.9902, 7.3537

# Details

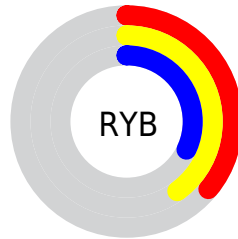
The Hex color **666052** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **525866**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **999283**, and **373225** is the 20% darker color. If you saturate the color by 10%, you get **665D48**, and if you desaturate by 10%, it is **66635C**.

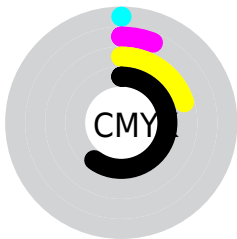
# Distribution



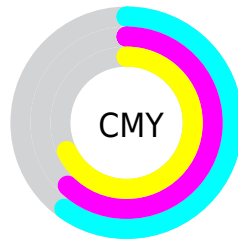
- Red (40%)
- Green (38%)
- Blue (32%)



- Red (36%)
- Yellow (40%)
- Blue (32%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666052 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 666052 by changing the saturation by 10% instead.





666052



666052

FFFFFF



4E483B



999283



373225



B4AD9D



211D11



D0C8B8



040300



ECE4D4



000000



FFFFF0



666052



666052



665D48



66635C



665A3E



666666

■ 665733

■ 666971

■ 665429

■ 666C7B

■ 66511F

■ 666F85

■ 664E15

■ 66728F

■ 664B0B

■ 667599

■ 664800

■ 6678A4

■ 664700

■ 667CAE

# Harmonies

## Analogous

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



6C5E54



666052



5E6254

# Triad

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



666052



4E6468



6A5C67

# Complementary

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



666052



525866

# 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.



625E6D



666052



51636D

# Square

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



666052



506560



59616F



6F5B60

# Rectangle

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



666052



586457



59616F



685D6A



# Sweetspot

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



666052



85827D



665258



42413E



C2C2C2



424242



# Same Dimension

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



666052



857B65



626652



33312E



735000



F2AA00



# Inverse Universe

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



525866



656E85



565266



2E2F33



002273



0049F2



# Previews

## White Background



This preview shows how the Hex color 666052 looks on a white background.

## Color Contrast Check

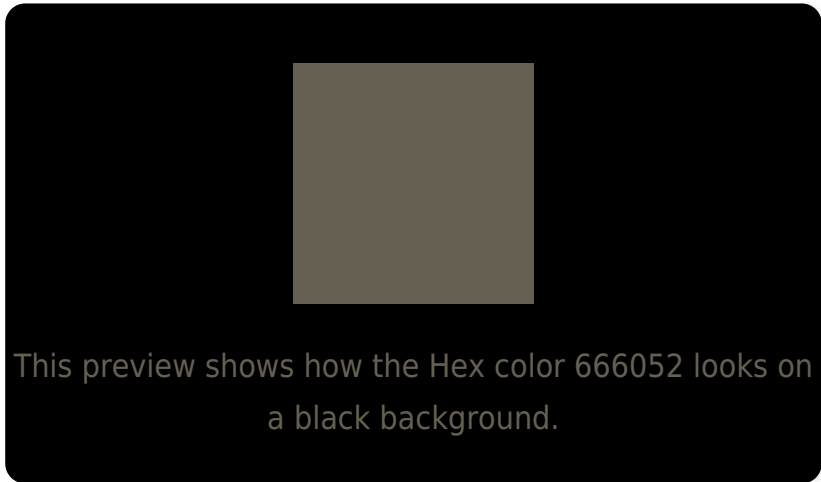
Large Text (above 18pt) WCAG AA ✓ Pass

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

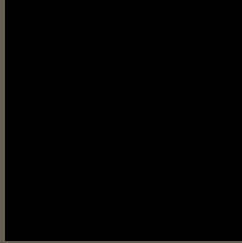
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 666052 Background



This preview shows how black text looks on a background with the Hex color 666052.

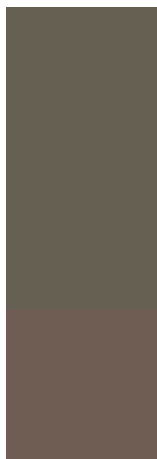


This preview shows how white text looks on a background with the Hex color 666052.

# 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**

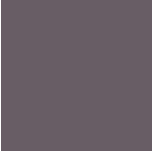
666052

**Protanopia**

656052

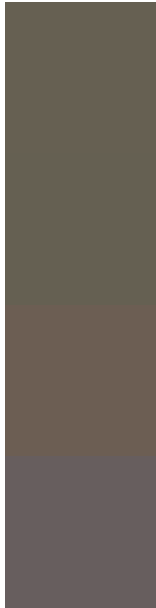
**Deuteranopia**

6F5D53



**Tritanopia**  
685D65

# Trichromacy



**Original Color**  
666052

**Protanomaly**  
656052

**Deuteranomaly**  
6C5E53

**Tritanomaly**  
675E5E

# Monochromacy



**Original Color**  
666052

**Achromatopsia**  
606060

**Achromatomaly**  
62605B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666052 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 #666052 looks like.

```
.text, #text, p{  
    color:#666052  
}
```

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 #666052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666052  
}
```

## Border

The CSS property to change the border of an element to Hex 666052 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".

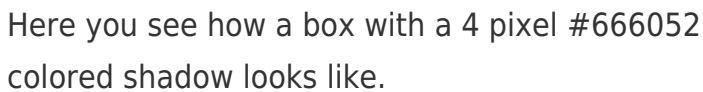
```
.border, #border, table{ border:4px solid  
#666052 }
```

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

```
.border{ border-color:#666052 }
```

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

Here you see how a box with a 4 pixel #666052 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666052; -webkit-box-shadow:4px 4px  
4px 4px #666052; box-shadow:4px 4px 4px  
4px #666052 }
```

# Background

The CSS property to change the background color of an element to Hex 666052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666052 }
```

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

```
.background{ background-color:#666052 }
```

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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