

# Converting Colors

Hex(66632D)

Have a look what the booklet for  
Hex(66632D) contains.

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**Color**

**Hex(66632D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66632D
RGB	102, 99, 45
RGB Percent	40%, 39%, 18%
CMY	0.6000, 0.6118, 0.8235
CMYK	0.00, 0.03, 0.56, 0.60
HSL	57°, 39%, 29%
HSV	57°, 56%, 40%
XYZ	10.4150, 11.9379, 4.2379
YIQ	93.7410, 19.1220, -16.1580

# Conversions

## Conversions Part 2

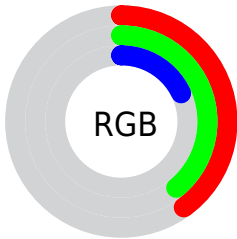
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 102, 45
Decimal	6710061
CIE <sub>Lab</sub>	41.12, -6.93, 30.70
CIE <sub>LCh</sub>	41, 31.472, 102.723
Yxy	11.9379, 0.3917, 0.4489
Android (android.graphics.Color)	4284900141 (0xFF66632D)
YUV	93.7410, -24.0293, 7.2431
Hunter-Lab	34.5513, -6.6586, 16.9136

# Details

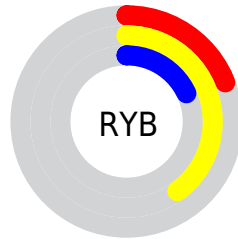
The Hex color **66632D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D3066**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9A965D**, and **353500** is the 20% darker color. If you saturate the color by 10%, you get **666223**, and if you desaturate by 10%, it is **666437**.

# Distribution



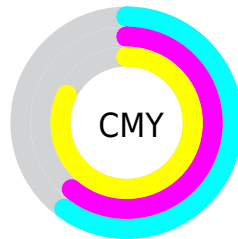
- Red (40%)
- Green (39%)
- Blue (18%)



- Red (19%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (3%)
- Yellow (56%)
- Black (60%)



- Cyan (60%)
- Magenta (61%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66632D 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 66632D by changing the saturation by 10% instead.



 66632D

 66632D

FFFFFF

 4D4B16

 9A965D

 353500

 B6B076

 1E2000

 D2CC90

 000800

 EFE8AA

 000000

 FFFFC6

 FFFFE2

 66632D

 66632D

 666223

 666437

■ 666219

■ 666441

■ 66610E

■ 66654C

■ 666104

■ 666556

■ 666100

■ 666660

■ 66666A

■ 666774

■ 66677F

■ 666889

# Harmonies

## Analogous

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



7D5A2F



66632D



49693A

# Triad

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



66632D



006D83



894E71

# Complementary

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



66632D



2D3066

# 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.



715687



66632D



006892

# Square

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



66632D



006E6B



4B6093



924C57

# Rectangle

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



66632D



326C48



4B6093



835079



# Sweetspot

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



66632D



85836E



662D31



424235



C2C2C2



424242



# Same Dimension

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



66632D



85802C



4D662D



33332E



736D00



F2E500



# Inverse Universe

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



2D3066



2C3085



462D66



2E2E33



000673



000DF2



# Previews

## White Background



This preview shows how the Hex color 66632D looks on a white background.

## Color Contrast Check

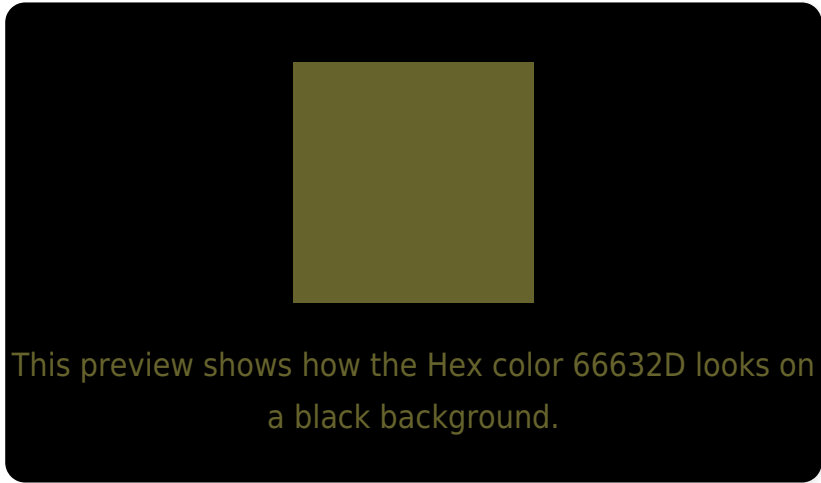
Large Text (above 18pt) WCAG AA ✓ Pass

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

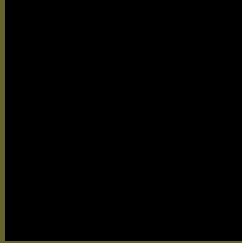
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66632D Background



This preview shows how black text looks on a background with the Hex color 66632D.



This preview shows how white text looks on a background with the Hex color 66632D.

# 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**

66632D

**Protanopia**

6C612C

**Deuteranopia**

785C2F



**Tritanopia**  
6B5D64

# Trichromacy



**Original Color**  
66632D

**Protanomaly**  
6A622C

**Deuteranomaly**  
715F2E

**Tritanomaly**  
695F50

# Monochromacy



**Original Color**  
66632D

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
61604C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66632D 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 #66632D looks like.

```
.text, #text, p{  
    color:#66632D  
}
```

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 #66632D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66632D
}
```

## Border

The CSS property to change the border of an element to Hex 66632D 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
#66632D }
```

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

```
.border{ border-color:#66632D }
```

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

Here you see how a box with a 4 pixel #66632D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66632D; -webkit-box-shadow:4px 4px  
4px 4px #66632D; box-shadow:4px 4px 4px  
4px #66632D }
```

# Background

The CSS property to change the background color of an element to Hex 66632D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66632D }
```

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

```
.background{ background-color:#66632D }
```

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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