

Converting Colors

Hex(66540D)

Have a look what the booklet for
Hex(66540D) contains.

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Color

Hex(66540D)

Conversions

Conversions Part 1

Format	Color
Hex	66540D
RGB	102, 84, 13
RGB Percent	40%, 33%, 5%
CMY	0.6000, 0.6706, 0.9490
CMYK	0.00, 0.18, 0.87, 0.60
HSL	48°, 77%, 23%
HSV	48°, 87%, 40%
XYZ	8.7225, 9.1945, 1.6958
YIQ	81.2880, 33.5190, -18.2650

Conversions

Conversions Part 2

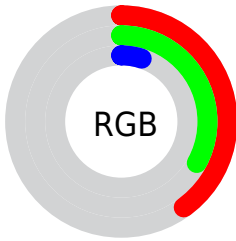
Format	Color
RYB	36, 102, 13
Decimal	6706189
CIELab	36.36, -0.14, 40.32
CIELCh	36, 40.324, 90.203
Yxy	9.1945, 0.4447, 0.4688
Android (android.graphics.Color)	4284896269 (0xFF66540D)
YUV	81.2880, -33.6660, 18.1644
Hunter-Lab	30.3224, -1.7174, 17.9099

Details

The Hex color **66540D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D1F66**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9C853F**, and **332800** is the 20% darker color. If you saturate the color by 10%, you get **665203**, and if you desaturate by 10%, it is **665617**.

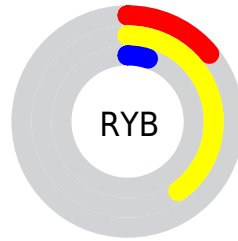
Distribution



Red (40%)

Green (33%)

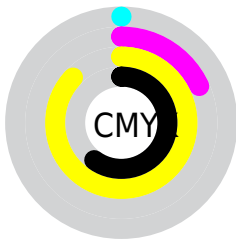
Blue (5%)



Red (14%)

Yellow (40%)

Blue (5%)

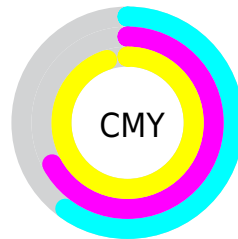


Cyan (0%)

Magenta (18%)

Yellow (87%)

Black (60%)



Cyan (60%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66540D 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 66540D by changing the saturation by 10% instead.

 66540D

 66540D

 FFFFFB

 4C3D00

 9C853F

 332800

 B89F58

 1B1400

 D5BA71

 000000

 F2D68B

 FFF2A6

 FFFFC2

 FFFFDE

 66540D

 66540D

■ 665203

■ 665617

■ 665100

■ 665821

■ 665A2C

■ 665C36

■ 665E40

■ 66604A

■ 666254

■ 66655F

■ 666769

Harmonies

Analogous

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



7F481C



66540D



465D18

Triad

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



66540D



006575



7D3F76

Complementary

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



66540D



0D1F66

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.



564D8E



66540D



00618D

Square

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



66540D



006555



005996



8F3757

Rectangle

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



66540D



29612A



005996



72437F

Sweetspot

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



66540D



857E62



660D20



423E2E



C2C2C2



424242

Same Dimension

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



66540D



856A00



4D660D



33322E



735C00



F2C100

Inverse Universe

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



0D1F66



001B85



260D66



2E2F33



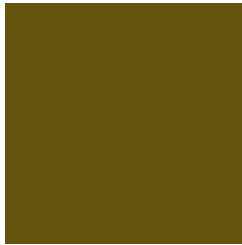
001773



0031F2

Previews

White Background



This preview shows how the Hex color 66540D looks on a white background.

Color Contrast Check

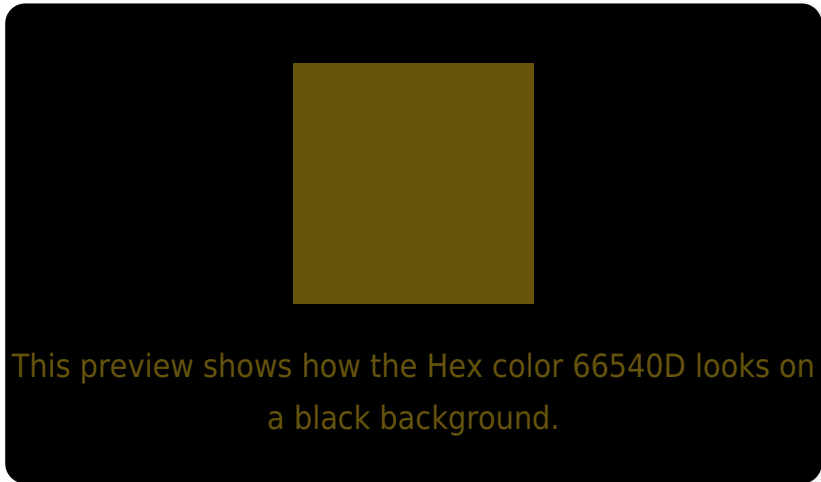
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

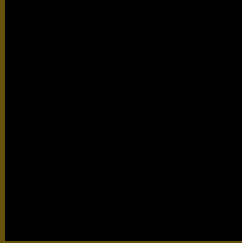
Any Text WCAG AA × Fail

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 66540D Background



This preview shows how black text looks on a background with the Hex color 66540D.



This preview shows how white text looks on a background with the Hex color 66540D.

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
66540D

Protanopia
61560E

Deuteranopia
6C510F



Tritanopia
6A4E54

Trichromacy



Original Color
66540D

Protanomaly
63550E

Deuteranomaly
6A520E

Tritanomaly
69503A

Monochromacy



Original Color
66540D

Achromatopsia
515151

Achromatomaly
595238

CSS Examples

Text

The CSS property to change the color of the text to Hex 66540D 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 #66540D looks like.

```
.text, #text, p{  
    color:#66540D  
}
```

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 #66540D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66540D
}
```

Border

The CSS property to change the border of an element to Hex 66540D 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
#66540D }
```

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

```
.border{ border-color:#66540D }
```

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

Here you see how a box with a 4 pixel #66540D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66540D; -webkit-box-shadow:4px 4px  
4px 4px #66540D; box-shadow:4px 4px 4px  
4px #66540D }
```

Background

The CSS property to change the background color of an element to Hex 66540D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66540D }
```

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

```
.background{ background-color:#66540D }
```

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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