

Converting Colors

Hex(45650D)

Have a look what the booklet for
Hex(45650D) contains.

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Color

Hex(45650D)

Conversions

Conversions Part 1

Format	Color
Hex	45650D
RGB	69, 101, 13
RGB Percent	27%, 40%, 5%
CMY	0.7294, 0.6039, 0.9490
CMYK	0.32, 0.00, 0.87, 0.60
HSL	82°, 77%, 22%
HSV	82°, 87%, 40%
XYZ	7.1806, 10.6016, 2.0486
YIQ	81.4000, 9.1760, -34.1520

Conversions

Conversions Part 2

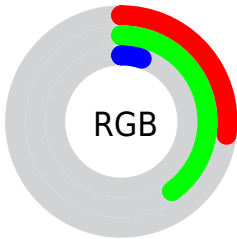
Format	Color
RYB	13, 101, 45
Decimal	4547853
CIELab	38.90, -25.27, 41.46
CIElCh	39, 48.558, 121.364
Yxy	10.6016, 0.3621, 0.5346
Android (android.graphics.Color)	4282737933 (0xFF45650D)
YUV	81.4000, -33.7212, -10.8748
Hunter-Lab	32.5601, -17.6152, 19.0617

Details

The Hex color **45650D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2D0D65**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **799841**, and **133600** is the 20% darker color. If you saturate the color by 10%, you get **416503**, and if you desaturate by 10%, it is **496517**.

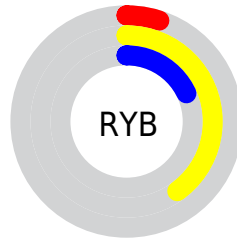
Distribution



Red (27%)

Green (40%)

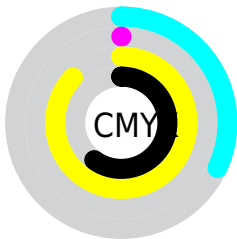
Blue (5%)



Red (5%)

Yellow (40%)

Blue (18%)

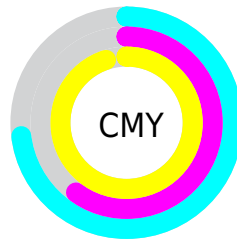


Cyan (32%)

Magenta (0%)

Yellow (87%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45650D 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 45650D by changing the saturation by 10% instead.

 45650D

 45650D

FFFFFFE

 2C4D00

 799841

 133600

 93B35A

 002100

 AF7F74

 000000

 CBEB8E

 E8FFA9

 FFFFC5

 FFFFE1

 45650D

 45650D

■ 416503

■ 496517

■ 406500

■ 4C6521

■ 50652B

■ 546535

■ 57653F

■ 5B654A

■ 5F6554

■ 62655E

■ 666568

Harmonies

Analogous

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



6D5A00



45650D



006B34

Triad

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



45650D



0069A1



A0335B

Complementary

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



45650D



2D0D65

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.



8C3E82



45650D



0060AB

Square

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



45650D



006D84



5D509F



9F3A35

Rectangle

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



45650D



006D4E



5D509F



9C3469

Sweetspot

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



45650D



768260



652C0D



3B422E



C2C2C2



424242

Same Dimension

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



45650D



538200



1A650D



31332E



497300



9AF200

Inverse Universe

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



2D0D65



2F0082



580D65



302E33



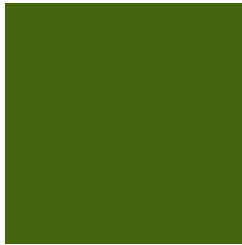
2A0073



5800F2

Previews

White Background



This preview shows how the Hex color 45650D looks on a white background.

Color Contrast Check

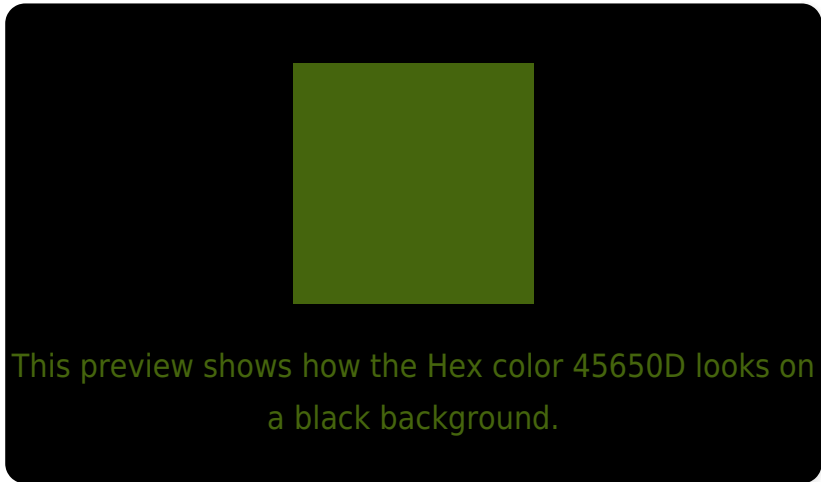
Large Text (above 18pt) WCAG AA ✓ Pass

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 45650D Background



This preview shows how black text looks on a background with the Hex color 45650D.



This preview shows how white text looks on a background with the Hex color 45650D.

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
45650D

Protanopia
675C0A

Deuteranopia
735717



Tritanopia
4F5E65

Trichromacy



Original Color
45650D

Protanomaly
5B5F0B

Deuteranomaly
625C13

Tritanomaly
4B6145

Monochromacy



Original Color
45650D

Achromatopsia
515151

Achromatomaly
4D5838

CSS Examples

Text

The CSS property to change the color of the text to Hex 45650D 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 #45650D looks like.

```
.text, #text, p{  
    color:#45650D  
}
```

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 #45650D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45650D
}
```

Border

The CSS property to change the border of an element to Hex 45650D 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
#45650D }
```

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

```
.border{ border-color:#45650D }
```

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

Here you see how a box with a 4 pixel #45650D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45650D; -webkit-box-shadow:4px 4px  
4px 4px #45650D; box-shadow:4px 4px 4px  
4px #45650D }
```

Background

The CSS property to change the background color of an element to Hex 45650D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45650D }
```

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

```
.background{ background-color:#45650D }
```

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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