

# Converting Colors

Hex(65471D)

Have a look what the booklet for  
Hex(65471D) contains.

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**Color**

**Hex(65471D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65471D
RGB	101, 71, 29
RGB Percent	40%, 28%, 11%
CMY	0.6039, 0.7216, 0.8863
CMYK	0.00, 0.30, 0.71, 0.60
HSL	35°, 55%, 25%
HSV	35°, 71%, 40%
XYZ	7.8418, 7.3619, 2.1701
YIQ	75.1820, 31.3620, -6.7020

# Conversions

## Conversions Part 2

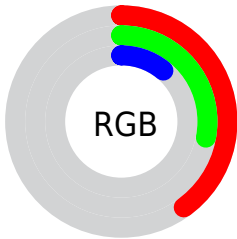
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 101, 29
Decimal	6637341
CIE <sub>Lab</sub>	32.62, 8.11, 29.60
CIE <sub>LCh</sub>	33, 30.689, 74.671
Yxy	7.3619, 0.4514, 0.4237
Android (android.graphics.Color)	4284827421 (0xFF65471D)
YUV	75.1820, -22.7677, 22.6424
Hunter-Lab	27.1328, 4.1071, 14.2510

# Details

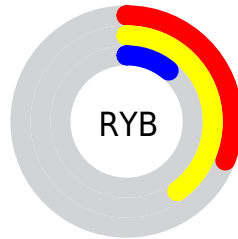
The Hex color **65471D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D3B65**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9B774B**, and **331C00** is the 20% darker color. If you saturate the color by 10%, you get **654313**, and if you desaturate by 10%, it is **654B27**.

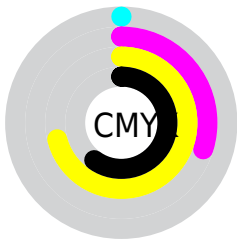
# Distribution



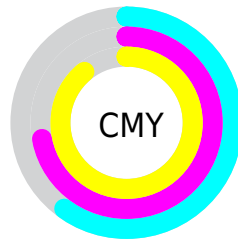
- Red (40%)
- Green (28%)
- Blue (11%)



- Red (31%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (71%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65471D 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 65471D by changing the saturation by 10% instead.





65471D



65471D

FFFFFF



4B3106



9B774B



331C00



B69163



1B0300



D3AB7C



000000



F0C797



FFE3B1



FFFCD



FFFEE9



65471D



65471D

■ 654313

■ 654B27

■ 653F09

■ 654F31

■ 653B00

■ 65543B

■ 655845

■ 655C50

■ 65605A

■ 656464

■ 65696E

■ 656D78

# Harmonies

## Analogous

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



743E2C



65471D



4F4F1C

# Triad

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



65471D



005958



5E426F

# Complementary

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



65471D



1D3B65

# 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.



394B7B



65471D



00576E

# Square

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



65471D



03583F



00537B



733A5A

# Rectangle

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



65471D



3E5323



00537B



534575



# Sweetspot

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



65471D



827767



651D3B



423B32



C2C2C2



424242



# Same Dimension

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



65471D



825312



5F651D



33312E



734300



F28D00



# Inverse Universe

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



1D3B65



124182



231D65



2E3033



003073



0065F2



# Previews

## White Background



This preview shows how the Hex color 65471D looks on a white background.

## Color Contrast Check

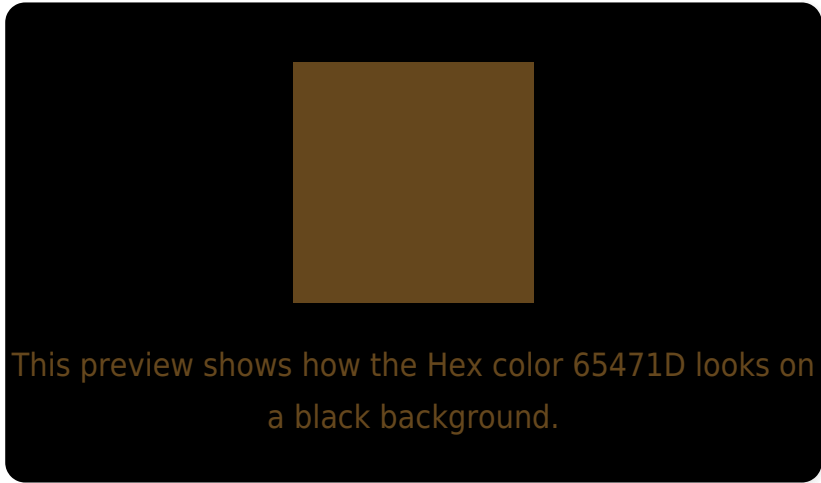
Large Text (above 18pt) WCAG AA ✓ Pass

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 65471D Background



This preview shows how black text looks on a background with the Hex color 65471D.



This preview shows how white text looks on a background with the Hex color 65471D.

# 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**  
65471D

**Protanopia**  
564D1F

**Deuteranopia**  
60491C



**Tritanopia**  
684348

# Trichromacy



**Original Color**  
65471D

**Protanomaly**  
5B4B1E

**Deuteranomaly**  
62481C

**Tritanomaly**  
674438

# Monochromacy



**Original Color**  
65471D

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
544A3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65471D 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 #65471D looks like.

```
.text, #text, p{  
    color:#65471D  
}
```

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 #65471D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65471D
}
```

## Border

The CSS property to change the border of an element to Hex 65471D is called "border". The border property can be set on classes, ids or directly on the HTML element.

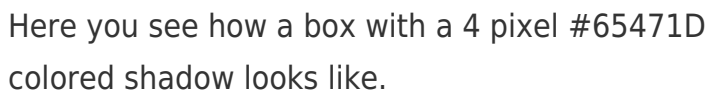
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65471D }
```

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

```
.border{ border-color:#65471D }
```

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



Here you see how a box with a 4 pixel #65471D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65471D; -webkit-box-shadow:4px 4px  
4px 4px #65471D; box-shadow:4px 4px 4px  
4px #65471D }
```

# Background

The CSS property to change the background color of an element to Hex 65471D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65471D }
```

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

```
.background{ background-color:#65471D }
```

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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