

Converting Colors

Hex(65331D)

Have a look what the booklet for
Hex(65331D) contains.

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Color

Hex(65331D)

Conversions

Conversions Part 1

Format	Color
Hex	65331D
RGB	101, 51, 29
RGB Percent	40%, 20%, 11%
CMY	0.6039, 0.8000, 0.8863
CMYK	0.00, 0.50, 0.71, 0.60
HSL	18°, 55%, 25%
HSV	18°, 71%, 40%
XYZ	6.7724, 5.2231, 1.8136
YIQ	63.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

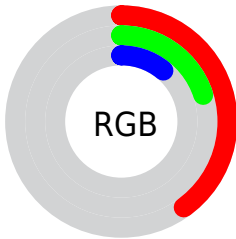
Format	Color
R_{YB}	101, 61, 29
Decimal	6632221
CIE _{Lab}	27.36, 20.39, 23.68
CIE _{LCh}	27, 31.249, 49.279
Yxy	5.2231, 0.4904, 0.3782
Android (android.graphics.Color)	4284822301 (0xFF65331D)
YUV	63.4420, -16.9799, 32.9384
Hunter-Lab	22.8540, 12.9011, 11.2928




Details

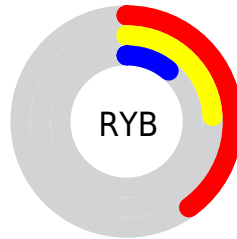
The Hex color **65331D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D4F65**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **9B624A**, and **310700** is the 20% darker color. If you saturate the color by 10%, you get **652C13**, and if you desaturate by 10%, it is **653A27**.

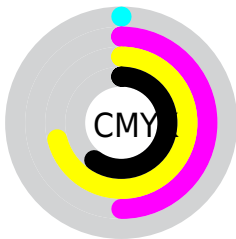
Distribution







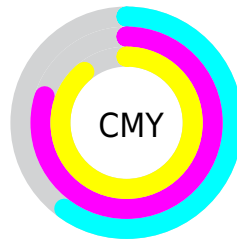
-  Red (40%)
-  Green (20%)
-  Blue (11%)






-  Red (40%)
-  Yellow (24%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (50%)
-  Yellow (71%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (80%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65331D 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 65331D by changing the saturation by 10% instead.

 65331D

 65331D

FFFFFF

 4B1D05

 9B624A

 310700

 B87B62

 140000

 D4957A

 000000

 F2B094

 FFCCAF

 FFE8CB

 FFFFE7

 65331D

 65331D

■ 652C13

■ 653A27

■ 652509

■ 654131

■ 651F00

■ 65483B

■ 654F45

■ 655650

■ 655D5A

■ 656464

■ 656B6E

■ 657278

Harmonies

Analogous

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



6C2C32



65331D



553C0F

Triad

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



65331D



004C37



323E6E

Complementary

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



65331D



1D4F65

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.



004670



65331D



004C50

Square

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



65331D



224920



004A64



553460

Rectangle

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



65331D



47420D



004A64



1F4170

Sweetspot

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



65331D



826F67



651D4F



423732



C2C2C2



424242

Same Dimension

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



65331D



823412



65571D



332F2E



732300



F24A00

Inverse Universe

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



1D4F65



126082



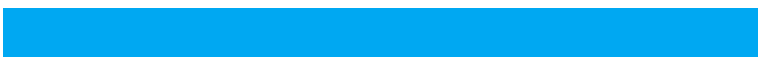
1D2B65



2E3133



005073



00A8F2

Previews

White Background



This preview shows how the Hex color 65331D looks on a white background.

Color Contrast Check

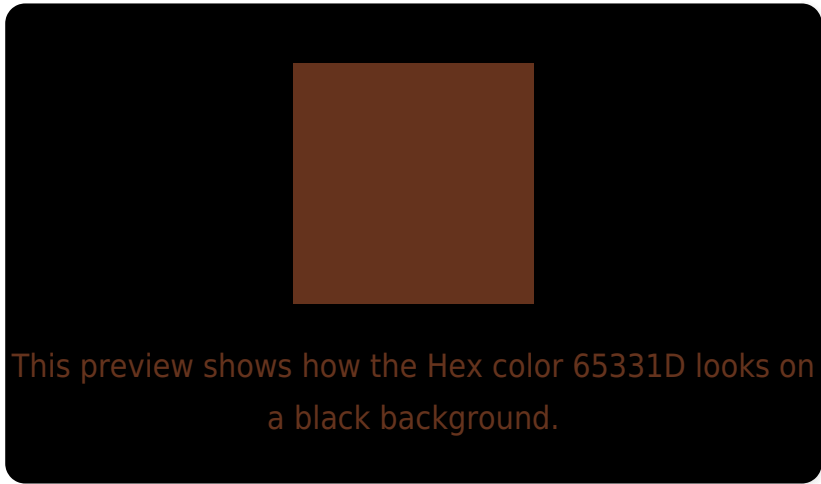
Large Text (above 18pt) WCAG AA ✓ Pass

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 65331D Background



This preview shows how black text looks on a background with the Hex color 65331D.

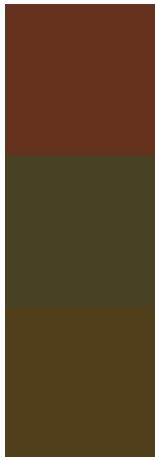


This preview shows how white text looks on a background with the Hex color 65331D.

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
65331D

Protanopia
484122

Deuteranopia
513E1A



Tritanopia
663034

Trichromacy



Original Color
65331D

Protanomaly
533C20

Deuteranomaly
583A1B

Tritanomaly
66312C

Monochromacy



Original Color
65331D

Achromatopsia
3F3F3F

Achromatomaly
4D3B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 65331D 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 #65331D looks like.

```
.text, #text, p{  
    color:#65331D  
}
```

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 #65331D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65331D
}
```

Border

The CSS property to change the border of an element to Hex 65331D is called "border". The border property can be set on classes, ids or directly on the HTML element.

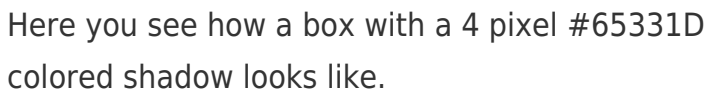
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65331D }
```

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

```
.border{ border-color:#65331D }
```

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



Here you see how a box with a 4 pixel #65331D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65331D; -webkit-box-shadow:4px 4px  
4px 4px #65331D; box-shadow:4px 4px 4px  
4px #65331D }
```

Background

The CSS property to change the background color of an element to Hex 65331D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65331D }
```

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

```
.background{ background-color:#65331D }
```

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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