

Converting Colors

Hex(565015)

Have a look what the booklet for
Hex(565015) contains.

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Color

Hex(565015)

Conversions

Conversions Part 1

Format	Color
Hex	565015
RGB	86, 80, 21
RGB Percent	34%, 31%, 8%
CMY	0.6627, 0.6863, 0.9176
CMYK	0.00, 0.07, 0.76, 0.66
HSL	54°, 61%, 21%
HSV	54°, 76%, 34%
XYZ	6.8418, 7.7699, 1.8486
YIQ	75.0680, 22.5150, -17.0770

Conversions

Conversions Part 2

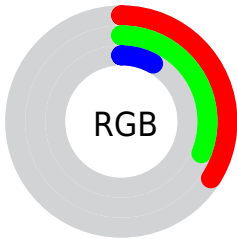
Format	Color
R_{YB}	28, 86, 21
Decimal	5656597
CIE Lab	33.50, -5.37, 33.94
CIE LCh	33, 34.361, 98.984
Yxy	7.7699, 0.4157, 0.4720
Android (android.graphics.Color)	4283846677 (0xFF565015)
YUV	75.0680, -26.6555, 9.5874
Hunter-Lab	27.8745, -4.9678, 15.5801

Details

The Hex color **565015** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **151B56**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8A8144**, and **262400** is the 20% darker color. If you saturate the color by 10%, you get **564F0C**, and if you desaturate by 10%, it is **56511E**.

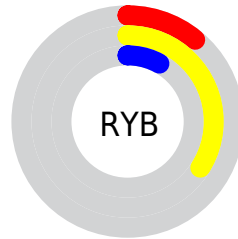
Distribution



Red (34%)

Green (31%)

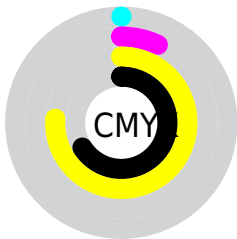
Blue (8%)



Red (11%)

Yellow (34%)

Blue (8%)

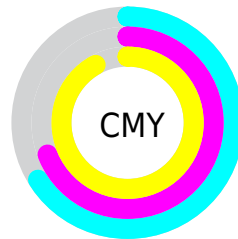


Cyan (0%)

Magenta (7%)

Yellow (76%)

Black (66%)



Cyan (66%)

Magenta (69%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565015 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 565015 by changing the saturation by 10% instead.

 565015

 565015

FFFFFF

 3E3900

 8A8144

 262400

 A59B5D

 060F00

 C1B676

 000000

 DDD190

 FAEDAB

 FFFFC6

 FFFF E2

 565015

 565015

■ 564F0C

■ 56511E

■ 564E04

■ 565226

■ 564E00

■ 56522F

■ 565337

■ 565440

■ 565549

■ 565651

■ 56565A

■ 565762

Harmonies

Analogous

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



6D461B



565015



395722

Triad

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



565015



005B70



763A63

Complementary

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



565015



151B56

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.



5B4479



565015



005781

Square

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



565015



005C56



2A4F85



813648

Rectangle

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



565015



1E5A31



2A4F85



6F3D6B

Sweetspot

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



565015



706E56



56151C



383728



B8B8B8



383838

Same Dimension

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



565015



70670A



3C5615



2B2B27



6B6100



EBD500

Inverse Universe

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



151B56



0A1470



2F1556



27272B



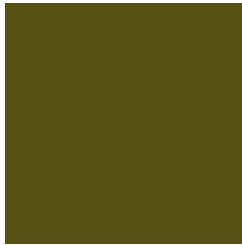
000A6B



0016EB

Previews

White Background



This preview shows how the Hex color 565015 looks on a white background.

Color Contrast Check

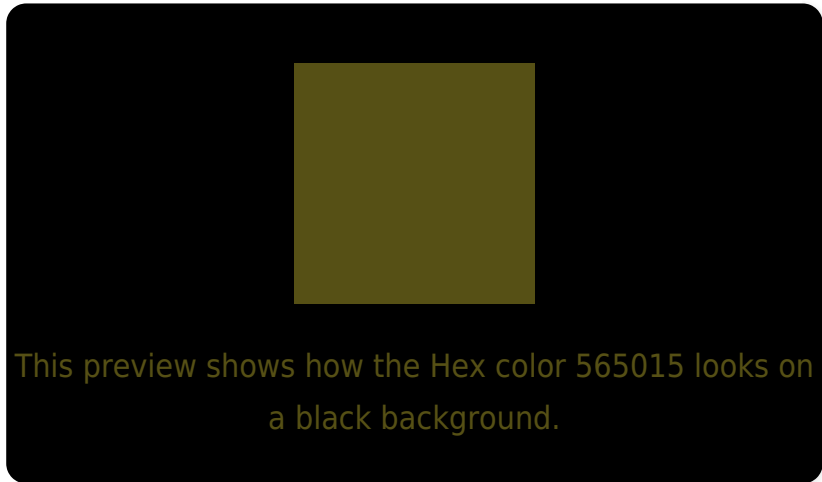
Large Text (above 18pt) WCAG AA ✓ Pass

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

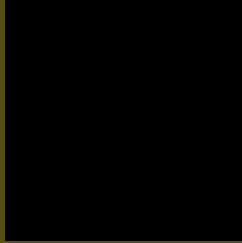
Any Text WCAG AA × Fail

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 565015 Background



This preview shows how black text looks on a background with the Hex color 565015.



This preview shows how white text looks on a background with the Hex color 565015.

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
565015

Protanopia
594F15

Deuteranopia
634B17



Tritanopia
5B4B50

Trichromacy



Original Color
565015

Protanomaly
584F15

Deuteranomaly
5E4D16

Tritanomaly
594D3B

Monochromacy



Original Color
565015

Achromatopsia
4B4B4B

Achromatomaly
4F4D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 565015 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 #565015 looks like.

```
.text, #text, p{  
    color:#565015  
}
```

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 #565015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565015
}
```

Border

The CSS property to change the border of an element to Hex 565015 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
#565015 }
```

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

```
.border{ border-color:#565015 }
```

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

Here you see how a box with a 4 pixel #565015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565015; -webkit-box-shadow:4px 4px  
4px 4px #565015; box-shadow:4px 4px 4px  
4px #565015 }
```

Background

The CSS property to change the background color of an element to Hex 565015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565015 }
```

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

```
.background{ background-color:#565015 }
```

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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