

Converting Colors

Hex(563013)

Have a look what the booklet for
Hex(563013) contains.

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Color

Hex(563013)

Conversions

Conversions Part 1

Format	Color
Hex	563013
RGB	86, 48, 19
RGB Percent	34%, 19%, 7%
CMY	0.6627, 0.8118, 0.9255
CMYK	0.00, 0.44, 0.78, 0.66
HSL	26°, 64%, 21%
HSV	26°, 78%, 34%
XYZ	5.0122, 4.1394, 1.1509
YIQ	56.0560, 31.9570, -0.9630

Conversions

Conversions Part 2

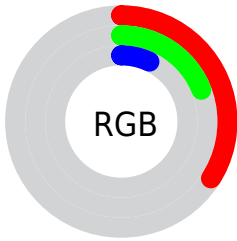
Format	Color
RYB	86, 70, 19
Decimal	5648403
CIELab	24.13, 14.54, 25.29
CIELCh	24, 29.173, 60.107
Yxy	4.1394, 0.4865, 0.4018
Android (android.graphics.Color)	4283838483 (0xFF563013)
YUV	56.0560, -18.2686, 26.2609
Hunter-Lab	20.3454, 8.3704, 10.8879

Details

The Hex color **563013** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **133956**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8B5E3F**, and **250300** is the 20% darker color. If you saturate the color by 10%, you get **562B0A**, and if you desaturate by 10%, it is **56351C**.

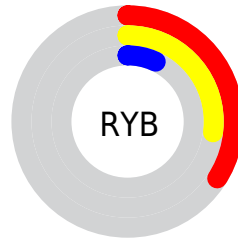
Distribution



Red (34%)

Green (19%)

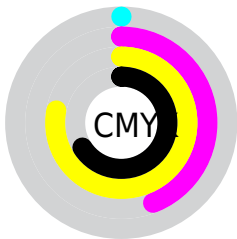
Blue (7%)



Red (34%)

Yellow (27%)

Blue (7%)

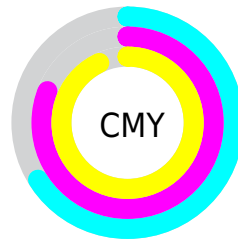


Cyan (0%)

Magenta (44%)

Yellow (78%)

Black (66%)



Cyan (66%)

Magenta (81%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563013 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 563013 by changing the saturation by 10% instead.

 563013

 563013

 FFFFF7

 3D1B00

 8B5E3F

 250300

 A77756

 000000

 C3916F

 E0AC89

 FDC7A3

 FFE3BE

 FFFFDA

 563013

 563013

■ 562B0A

■ 56351C

■ 562602

■ 563A24

■ 562500

■ 563F2D

■ 564435

■ 56483E

■ 564D47

■ 56524F

■ 565758

■ 565C60

Harmonies

Analogous

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



602825



563013



45380A

Triad

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



563013



004439



3A345F

Complementary

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



563013



133956

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.



003C65



563013



00444F

Square

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



563013



0F4222



00415F



542A50

Rectangle

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



563013



373D0D



00415F



2D3763

Sweetspot

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



563013



706256



56133A



382F28



B8B8B8



383838

Same Dimension

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



563013



703508



565013



2B2927



6B2E00



EB6600

Inverse Universe

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



133956



084370



131956



27292B



003D6B



0085EB

Previews

White Background



This preview shows how the Hex color 563013 looks on a white background.

Color Contrast Check

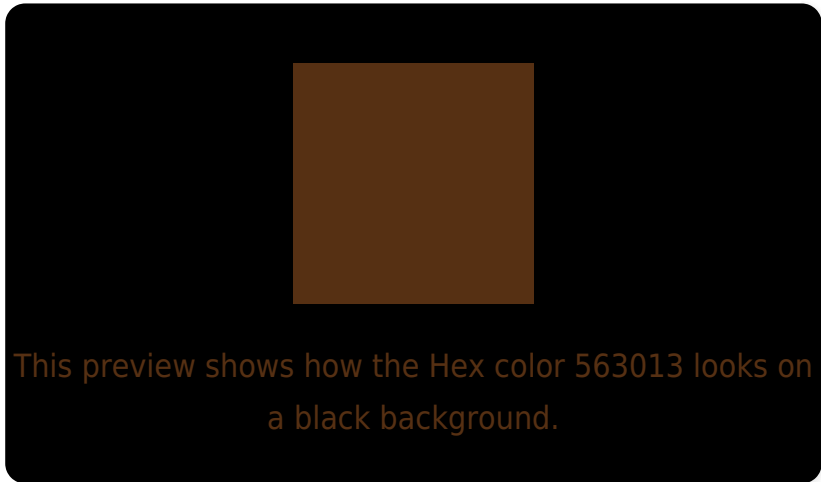
Large Text (above 18pt) WCAG AA ✓ Pass

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

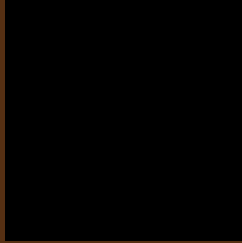
Any Text WCAG AA × Fail

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 563013 Background



This preview shows how black text looks on a background with the Hex color 563013.



This preview shows how white text looks on a background with the Hex color 563013.

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
563013

Protanopia
413A16

Deuteranopia
493711



Tritanopia
572D30

Trichromacy



Original Color
563013

Protanomaly
493615

Deuteranomaly
4E3412

Tritanomaly
572E25

Monochromacy



Original Color
563013

Achromatopsia
383838

Achromatomaly
43352B

CSS Examples

Text

The CSS property to change the color of the text to Hex 563013 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 #563013 looks like.

```
.text, #text, p{  
    color:#563013  
}
```

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 #563013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563013
}
```

Border

The CSS property to change the border of an element to Hex 563013 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".

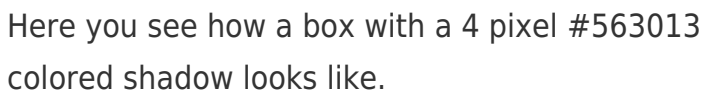
```
.border, #border, table{ border:4px solid
#563013 }
```

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

```
.border{ border-color:#563013 }
```

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

Here you see how a box with a 4 pixel #563013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563013; -webkit-box-shadow:4px 4px  
4px 4px #563013; box-shadow:4px 4px 4px  
4px #563013 }
```

Background

The CSS property to change the background color of an element to Hex 563013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563013 }
```

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

```
.background{ background-color:#563013 }
```

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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