

Converting Colors

Hex(562616)

Have a look what the booklet for
Hex(562616) contains.

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Color

Hex(562616)

Conversions

Conversions Part 1

Format	Color
Hex	562616
RGB	86, 38, 22
RGB Percent	34%, 15%, 9%
CMY	0.6627, 0.8510, 0.9137
CMYK	0.00, 0.56, 0.74, 0.66
HSL	15°, 59%, 21%
HSV	15°, 74%, 34%
XYZ	4.6757, 3.4226, 1.1732
YIQ	50.5280, 33.7440, 5.2000

Conversions

Conversions Part 2

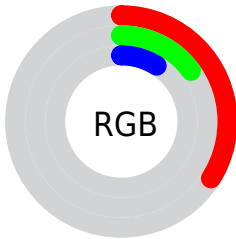
Format	Color
R_YB	86, 43, 22
Decimal	5645846
CIE Lab	21.66, 20.87, 20.76
CIE LCh	22, 29.435, 44.854
Yxy	3.4226, 0.5043, 0.3692
Android (android.graphics.Color)	4283835926 (0xFF562616)
YUV	50.5280, -14.0643, 31.1089
Hunter-Lab	18.5002, 12.7380, 9.1901

Details

The Hex color **562616** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **164656**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8B5441**, and **260000** is the 20% darker color. If you saturate the color by 10%, you get **56200D**, and if you desaturate by 10%, it is **562C1F**.

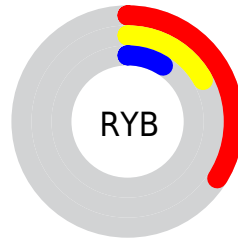
Distribution



Red (34%)

Green (15%)

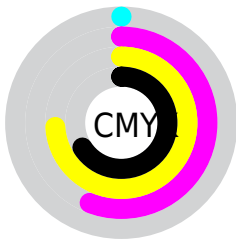
Blue (9%)



Red (34%)

Yellow (17%)

Blue (9%)

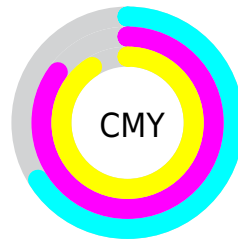


Cyan (0%)

Magenta (56%)

Yellow (74%)

Black (66%)



Cyan (66%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562616 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 562616 by changing the saturation by 10% instead.

 562616

 562616

 FFFFF9

 3D1000

 8B5441

 260000

 A76D59

 000000

 C38671

 E0A18B

 FEBCA5

 FFD8C0

 FFF4DC

 562616

 562616

■ 56200D

■ 562C1F

■ 561905

■ 563327

■ 561600

■ 563930

■ 564038

■ 564641

■ 564D4A

■ 565352

■ 565A5B

■ 566063

Harmonies

Analogous

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



5B202A



562616



482F06

Triad

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



562616



003E28



1E335E

Complementary

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



562616



164656

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.



00395E



562616



003E3E

Square

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



562616



1C3B13



003D52



432953

Rectangle

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



562616



3C3402



003D52



03355F

Sweetspot

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



562616



705E58



561646



382D2A



B8B8B8



383838

Same Dimension

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



562616



70250C



564616



2B2827



6B1B00



EB3B00

Inverse Universe

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



164656



0C5770



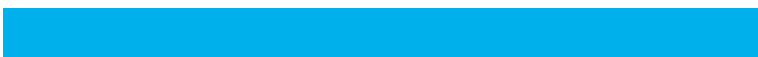
162656



272A2B



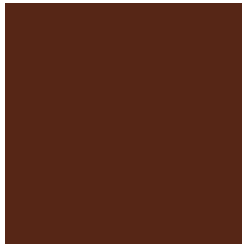
00506B



00B0EB

Previews

White Background



This preview shows how the Hex color 562616 looks on a white background.

Color Contrast Check

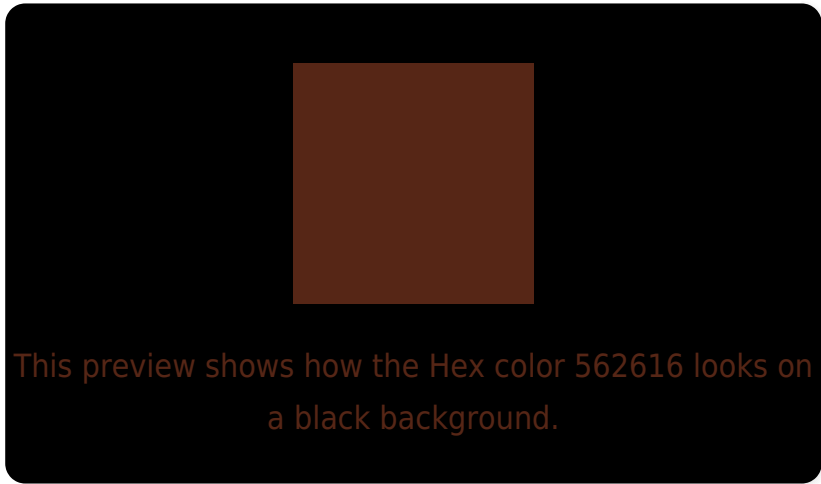
Large Text (above 18pt) WCAG AA ✓ Pass

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 562616 Background



This preview shows how black text looks on a background with the Hex color 562616.

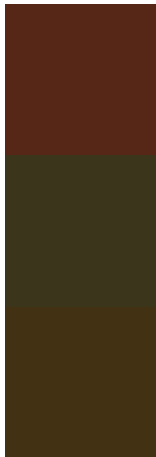


This preview shows how white text looks on a background with the Hex color 562616.

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
562616

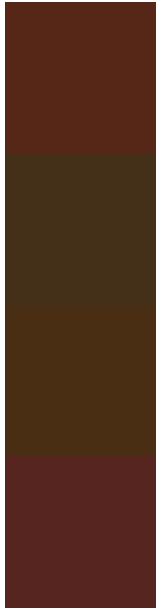
Protanopia
3A351B

Deuteranopia
423213



Tritanopia
572426

Trichromacy



Original Color
562616

Protanomaly
443019

Deuteranomaly
492E14

Tritanomaly
572520

Monochromacy



Original Color
562616

Achromatopsia
333333

Achromatomaly
402E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 562616 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 #562616 looks like.

```
.text, #text, p{  
    color:#562616  
}
```

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 #562616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562616
}
```

Border

The CSS property to change the border of an element to Hex 562616 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".

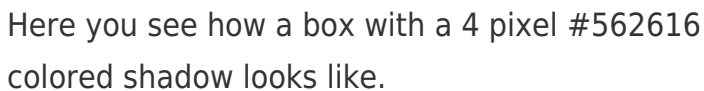
```
.border, #border, table{ border:4px solid
#562616 }
```

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

```
.border{ border-color:#562616 }
```

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

Here you see how a box with a 4 pixel #562616 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562616; -webkit-box-shadow:4px 4px  
4px 4px #562616; box-shadow:4px 4px 4px  
4px #562616 }
```

Background

The CSS property to change the background color of an element to Hex 562616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562616 }
```

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

```
.background{ background-color:#562616 }
```

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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