

# Converting Colors

Hex(562112)

Have a look what the booklet for  
Hex(562112) contains.

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**Color**

**Hex(562112)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	562112
RGB	86, 33, 18
RGB Percent	34%, 13%, 7%
CMY	0.6627, 0.8706, 0.9294
CMYK	0.00, 0.62, 0.79, 0.66
HSL	13°, 65%, 20%
HSV	13°, 79%, 34%
XYZ	4.4908, 3.1098, 0.9358
YIQ	47.1370, 36.4030, 6.5710

# Conversions

## Conversions Part 2

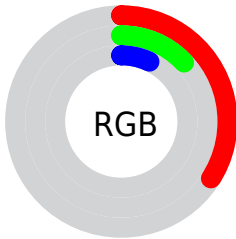
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 37, 18
Decimal	5644562
CIE <sub>Lab</sub>	20.48, 23.52, 21.92
CIE <sub>LCh</sub>	20, 32.155, 42.982
Yxy	3.1098, 0.5261, 0.3643
Android (android.graphics.Color)	4283834642 (0xFF562112)
YUV	47.1370, -14.3645, 34.0829
Hunter-Lab	17.6347, 14.5955, 9.1979

# Details

The Hex color **562112** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **124756**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8C4F3D**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **561A09**, and if you desaturate by 10%, it is **56281B**.

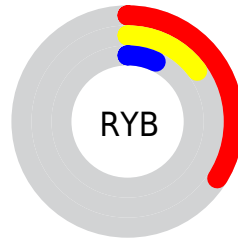
# Distribution



Red (34%)

Green (13%)

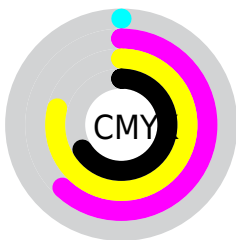
Blue (7%)



Red (34%)

Yellow (15%)

Blue (7%)

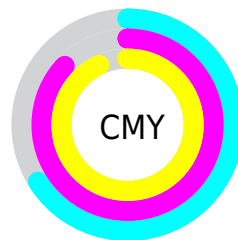


Cyan (0%)

Magenta (62%)

Yellow (79%)

Black (66%)



Cyan (66%)

Magenta (87%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 562112 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 562112 by changing the saturation by 10% instead.



 562112

 562112

 FFFFF3

 3D0A00

 8C4F3D

 260001

 A86854

 000000

 C4816C

 E29C86

 FFB7A0

 FFD2BB

 FFEFD7

 562112

 562112

■ 561A09

■ 56281B

■ 561401

■ 562E23

■ 561300

■ 56352C

■ 563C34

■ 56433D

■ 564946

■ 56504E

■ 565757

■ 565D5F

# Harmonies

## Analogous

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



5B1928



562112



482B00

# Triad

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



562112



003B23



103160

# Complementary

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



562112



124756

# 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.



00385E



562112



003C3B

# Square

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



562112



18390B



003B51



3F2654

# Rectangle

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



562112



3B3100



003B51



003361



# Sweetspot

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



562112



705B55



561247



382B28



B8B8B8



383838



# Same Dimension

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



562112



701D06



564312



2B2827



6B1800



EB3400



# Inverse Universe

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



124756



065970



122556



272A2B



00536B

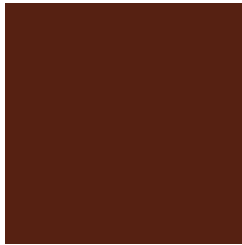


00B7EB



# Previews

## White Background



This preview shows how the Hex color 562112 looks on a white background.

## Color Contrast Check

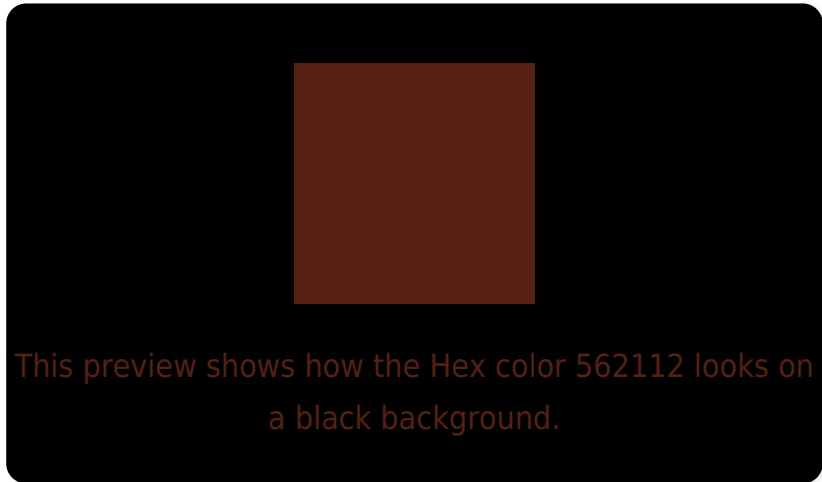
Large Text (above 18pt) WCAG AA ✓ Pass

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

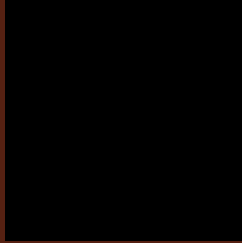
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 562112 Background



This preview shows how black text looks on a background with the Hex color 562112.

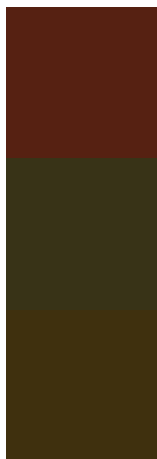


This preview shows how white text looks on a background with the Hex color 562112.

# 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**  
562112

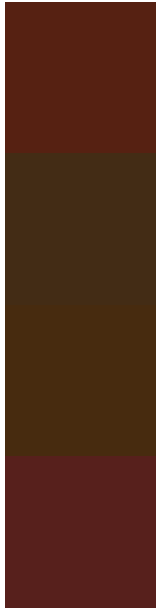
**Protanopia**  
383317

**Deuteranopia**  
3F300E



**Tritanopia**  
571F21

# Trichromacy



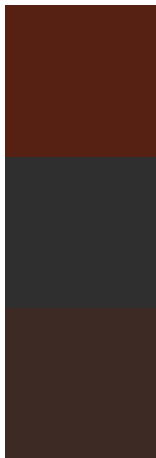
**Original Color**  
562112

**Protanomaly**  
432C15

**Deuteranomaly**  
472B0F

**Tritanomaly**  
57201C

# Monochromacy



**Original Color**  
562112

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
3D2A24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 562112 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 #562112 looks like.

```
.text, #text, p{  
    color:#562112  
}
```

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 #562112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562112
}
```

## Border

The CSS property to change the border of an element to Hex 562112 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".

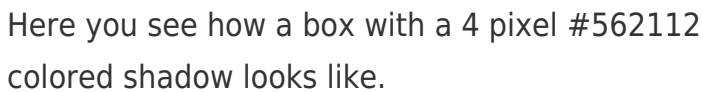
```
.border, #border, table{ border:4px solid
#562112 }
```

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

```
.border{ border-color:#562112 }
```

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

Here you see how a box with a 4 pixel #562112 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562112; -webkit-box-shadow:4px 4px  
4px 4px #562112; box-shadow:4px 4px 4px  
4px #562112 }
```

# Background

The CSS property to change the background color of an element to Hex 562112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562112 }
```

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

```
.background{ background-color:#562112 }
```

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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