

Converting Colors

Hex(561A12)

Have a look what the booklet for
Hex(561A12) contains.

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Color

Hex(561A12)

Conversions

Conversions Part 1

Format	Color
Hex	561A12
RGB	86, 26, 18
RGB Percent	34%, 10%, 7%
CMY	0.6627, 0.8980, 0.9294
CMYK	0.00, 0.70, 0.79, 0.66
HSL	7°, 65%, 20%
HSV	7°, 79%, 34%
XYZ	4.3163, 2.7609, 0.8777
YIQ	43.0280, 38.3280, 10.2320

Conversions

Conversions Part 2

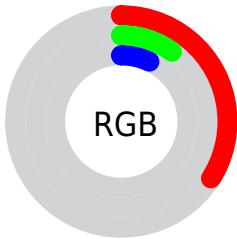
Format	Color
RYB	86, 27, 18
Decimal	5642770
CIELab	19.06, 27.27, 20.31
CIElCh	19, 33.999, 36.678
Yxy	2.7609, 0.5426, 0.3471
Android (android.graphics.Color)	4283832850 (0xFF561A12)
YUV	43.0280, -12.3388, 37.6864
Hunter-Lab	16.6159, 17.2911, 8.4994

Details

The Hex color **561A12** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **124E56**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8C493C**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **561209**, and if you desaturate by 10%, it is **56221B**.

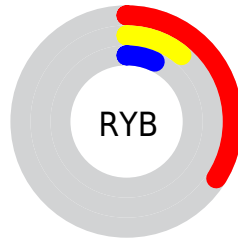
Distribution



Red (34%)

Green (10%)

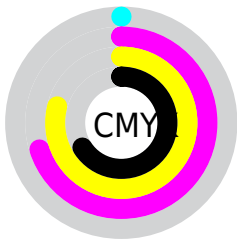
Blue (7%)



Red (34%)

Yellow (11%)

Blue (7%)

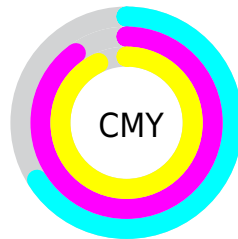


Cyan (0%)

Magenta (70%)

Yellow (79%)

Black (66%)



Cyan (66%)

Magenta (90%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 561A12 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 561A12 by changing the saturation by 10% instead.

 561A12

 561A12

 FFFFF3

 3C0200

 8C493C

 250001

 A86154

 000000

 C57B6C

 E29585

 FFB09F

 FFCCBA

 FFE8D6

 561A12

 561A12

■ 561209

■ 56221B

■ 560B01

■ 562923

■ 560A00

■ 56312C

■ 563834

■ 56403D

■ 564846

■ 564F4E

■ 565757

■ 565E5F

Harmonies

Analogous

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



59122A



561A12



492600

Triad

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



561A12



003819



003060

Complementary

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



561A12



124E56

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.



00365C



561A12



003933

Square

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



561A12



1B3500



00394B



352556

Rectangle

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



561A12



3D2C00



00394B



003260

Sweetspot

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



561A12



705855



56124E



382A28



B8B8B8



383838

Same Dimension

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



561A12



701206



563C12



2B2827



6B0D00



EB1C00

Inverse Universe

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



124E56



066470



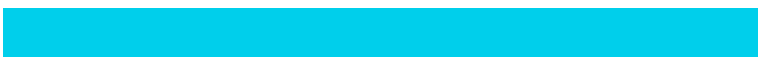
122C56



272B2B



005E6B



00CFEB

Previews

White Background



This preview shows how the Hex color 561A12 looks on a white background.

Color Contrast Check

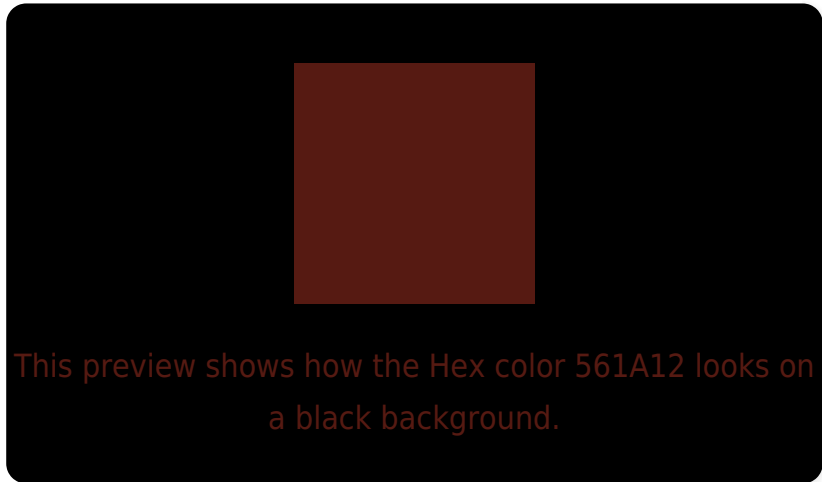
Large Text (above 18pt) WCAG AA ✓ Pass

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 561A12 Background



This preview shows how black text looks on a background with the Hex color 561A12.

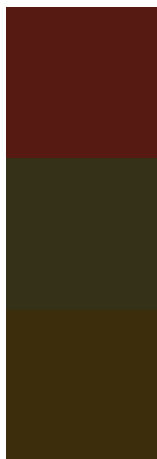


This preview shows how white text looks on a background with the Hex color 561A12.

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
561A12

Protanopia
353018

Deuteranopia
3C2D0D



Tritanopia
56191A

Trichromacy



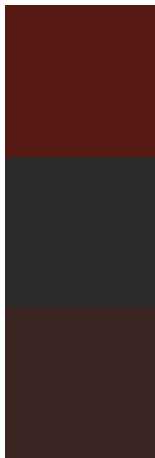
Original Color
561A12

Protanomaly
412816

Deuteranomaly
45260F

Tritanomaly
561917

Monochromacy



Original Color
561A12

Achromatopsia
2B2B2B

Achromatomaly
3B2522

CSS Examples

Text

The CSS property to change the color of the text to Hex 561A12 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 #561A12 looks like.

```
.text, #text, p{  
    color:#561A12  
}
```

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 #561A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #561A12
}
```

Border

The CSS property to change the border of an element to Hex 561A12 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".

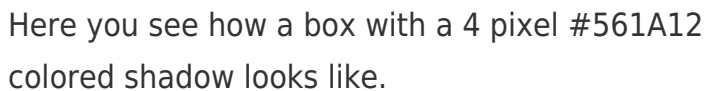
```
.border, #border, table{ border:4px solid
#561A12 }
```

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

```
.border{ border-color:#561A12 }
```

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

Here you see how a box with a 4 pixel #561A12 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #561A12 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #561A12; -webkit-box-shadow:4px 4px  
4px 4px #561A12; box-shadow:4px 4px 4px  
4px #561A12 }
```

Background

The CSS property to change the background color of an element to Hex 561A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#561A12 }
```

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

```
.background{ background-color:#561A12 }
```

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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