

Converting Colors

Hex(C56E1A)

Have a look what the booklet for
Hex(C56E1A) contains.

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Color

Hex(C56E1A)

Conversions

Conversions Part 1

Format	Color
Hex	C56E1A
RGB	197, 110, 26
RGB Percent	77%, 43%, 10%
CMY	0.2275, 0.5686, 0.8980
CMYK	0.00, 0.44, 0.87, 0.23
HSL	29°, 77%, 44%
HSV	29°, 87%, 77%
XYZ	28.7883, 23.0968, 3.9181
YIQ	126.4370, 78.8160, -7.6800

Conversions

Conversions Part 2

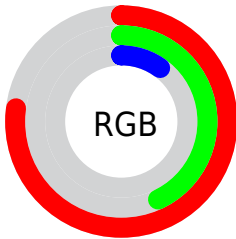
Format	Color
RYB	197, 191, 26
Decimal	12938778
CIELab	55.17, 29.01, 56.68
CIELCh	55, 63.674, 62.895
Yxy	23.0968, 0.5159, 0.4139
Android (android.graphics.Color)	4291128858 (0xFFC56E1A)
YUV	126.4370, -49.5154, 61.8838
Hunter-Lab	48.0591, 22.8216, 28.8077

Details

The Hex color **C56E1A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1A71C5**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FFA24F**, and **893D00** is the 20% darker color. If you saturate the color by 10%, you get **C56406**, and if you desaturate by 10%, it is **C5782E**.

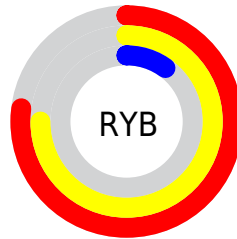
Distribution



Red (77%)

Green (43%)

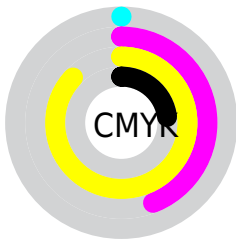
Blue (10%)



Red (77%)

Yellow (75%)

Blue (10%)

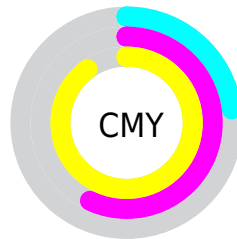


Cyan (0%)

Magenta (44%)

Yellow (87%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color C56E1A 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 C56E1A by changing the saturation by 10% instead.

 C56E1A

 C56E1A

FFFFFF

 A75500

 FFA24F

 893D00

 FFBE69

 6B2600

 FFDA84

 4F0E00

 FFF69F

 340000

 FFFFBB

 130000

 FFFFFD7

 000000

 FFFFF4

 C56E1A

 C56E1A

 C56406

 C5782E

 C56100

 C58241

 C58C55

 C59669

 C5A07D

 C5AA90

 C5B4A4

 C5BEB8

 C5C8CB

Harmonies

Analogous

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



E1564B



C56E1A



998300

Triad

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



C56E1A



009D88



8A73E1

Complementary

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



C56E1A



1A71C5

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.



0089F3



C56E1A



009DBF

Square

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



C56E1A



009A4F



0097E6



CA59B7

Rectangle

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



C56E1A



768E01



0097E6



687BEA

Sweetspot

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



C56E1A



FFDDBD



C51A72



806B58



000000



808080

Same Dimension

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



C56E1A



FF7D00



C5C21A



635E5A



A35000



241200

Inverse Universe

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



1A71C5



0082FF



1A1DC5



5A5F63



0053A3



001224

Previews

White Background



This preview shows how the Hex color C56E1A looks on a white background.

Color Contrast Check

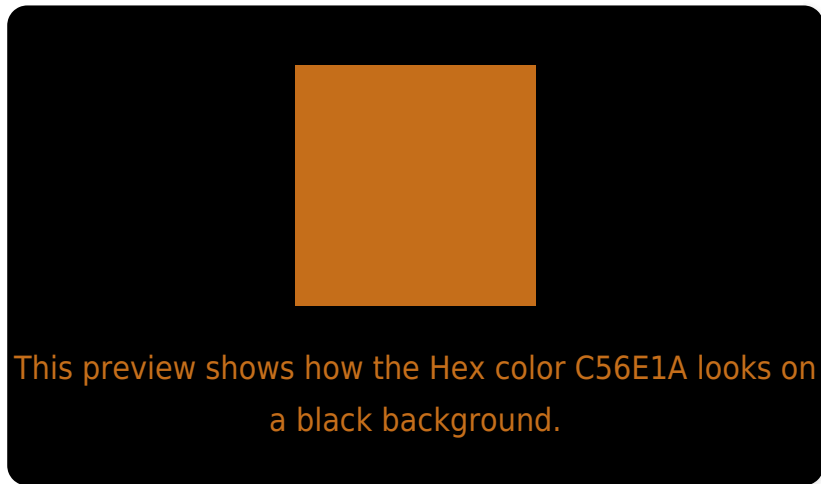
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex C56E1A Background



This preview shows how black text looks on a background with the Hex color C56E1A.



This preview shows how white text looks on a background with the Hex color C56E1A.

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
C56E1A

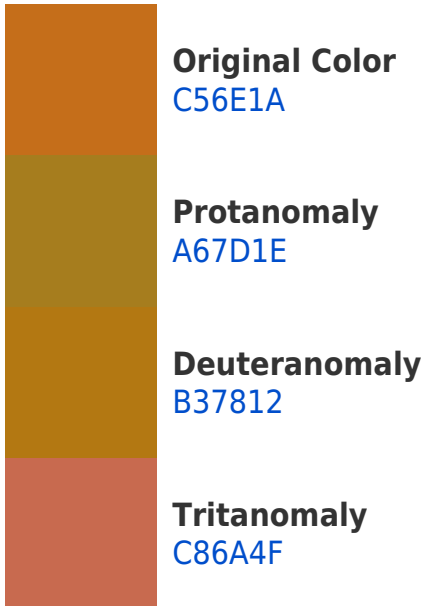
Protanopia
958520

Deuteranopia
A87E0E



Tritanopia
C9676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C56E1A 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 #C56E1A looks like.

```
.text, #text, p{  
    color:#C56E1A  
}
```

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 #C56E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56E1A
}
```

Border

The CSS property to change the border of an element to Hex C56E1A 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
#C56E1A }
```

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

```
.border{ border-color:#C56E1A }
```

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

Here you see how a box with a 4 pixel #C56E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56E1A; -webkit-box-shadow:4px 4px  
4px 4px #C56E1A; box-shadow:4px 4px 4px  
4px #C56E1A }
```

Background

The CSS property to change the background color of an element to Hex C56E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56E1A }
```

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

```
.background{ background-color:#C56E1A }
```

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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