

Converting Colors

Hex(B5580C)

Have a look what the booklet for
Hex(B5580C) contains.

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Color

Hex(B5580C)

Conversions

Conversions Part 1

Format	Color
Hex	B5580C
RGB	181, 88, 12
RGB Percent	71%, 35%, 5%
CMY	0.2902, 0.6549, 0.9529
CMYK	0.00, 0.51, 0.93, 0.29
HSL	27°, 88%, 38%
HSV	27°, 93%, 71%
XYZ	22.6121, 16.8297, 2.4045
YIQ	107.1430, 79.8240, -3.9200

Conversions

Conversions Part 2

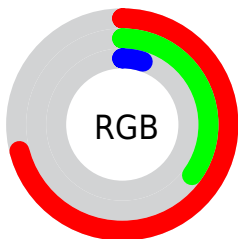
Format	Color
RYB	181, 150, 12
Decimal	11884556
CIELab	48.04, 33.76, 54.31
CIELCh	48, 63.949, 58.134
Yxy	16.8297, 0.5404, 0.4022
Android (android.graphics.Color)	4290074636 (0xFFB5580C)
YUV	107.1430, -46.9055, 64.7726
Hunter-Lab	41.0241, 26.5956, 25.2417

Details

The Hex color **B5580C** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0C69B5**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F38B43**, and **792700** is the 20% darker color. If you saturate the color by 10%, you get **B55100**, and if you desaturate by 10%, it is **B5621E**.

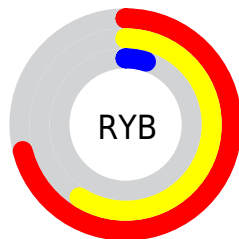
Distribution



Red (71%)

Green (35%)

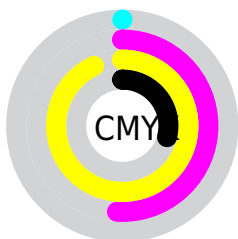
Blue (5%)



Red (71%)

Yellow (59%)

Blue (5%)

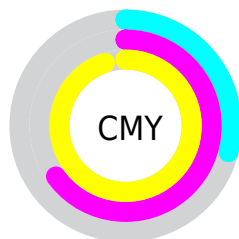


Cyan (0%)

Magenta (51%)

Yellow (93%)

Black (29%)



Cyan (29%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5580C 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 B5580C by changing the saturation by 10% instead.

 B5580C

 B5580C

FFFFFF

 973F00

 F38B43

 792700

 FFA65C

 5C0D00

 FFC276

 3F0000

 FFDE91

 270001

 FFFBAC

 000000

 FFFFC8

 FFFFE4

 B5580C

 B5580C

 B55100

 B5621E

 B56C30

 B57642

 B58054

 B58A67

 B59479

 B59E8B

 B5A89D

 B5B2AF

Harmonies

Analogous

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



CD3E43



B5580C



8D6F00

Triad

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



B5580C



008A6D



6665D2

Complementary

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



B5580C



0C69B5

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.



007ADF



B5580C



008AA4

Square

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



B5580C



008635



0085CE



AF49AC

Rectangle

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



B5580C



6B7900



0085CE



386DDA

Sweetspot

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



B5580C



EBC6A9



B50C6C



755F4D



F5F5F5



757575

Same Dimension

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



B5580C



EB6A00



B5AA0C



595450



994500



1A0B00

Inverse Universe

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



0C69B5



0081EB



0C17B5



505559



005499



000E1A

Previews

White Background



This preview shows how the Hex color B5580C looks on a white background.

Color Contrast Check

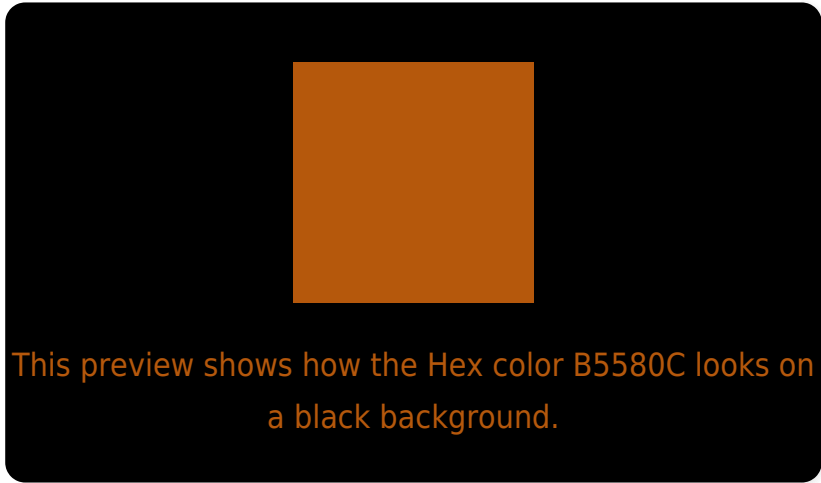
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex B5580C Background



This preview shows how black text looks on a background with the Hex color B5580C.



This preview shows how white text looks on a background with the Hex color B5580C.

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
B5580C

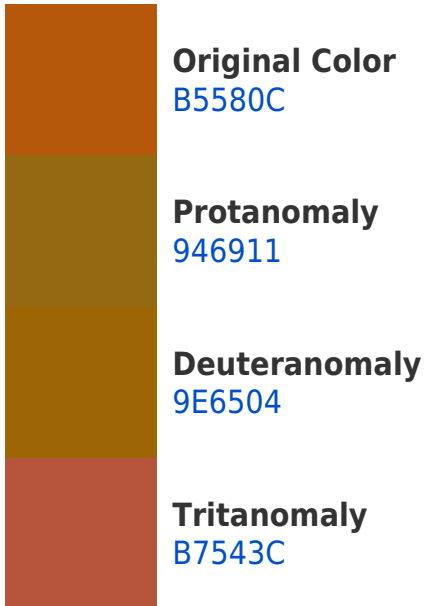
Protanopia
817314

Deuteranopia
916D00



Tritanopia
B85257

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5580C 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 #B5580C looks like.

```
.text, #text, p{  
    color:#B5580C  
}
```

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 #B5580C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5580C
}
```

Border

The CSS property to change the border of an element to Hex B5580C is called "border". The border property can be set on classes, ids or directly on the HTML element.

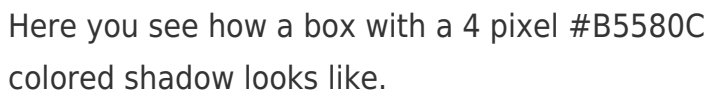
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5580C }
```

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

```
.border{ border-color:#B5580C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B5580C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5580C; -webkit-box-shadow:4px 4px  
4px 4px #B5580C; box-shadow:4px 4px 4px  
4px #B5580C }
```

Background

The CSS property to change the background color of an element to Hex B5580C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5580C }
```

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

```
.background{ background-color:#B5580C }
```

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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