

Converting Colors

Hex(B56118)

Have a look what the booklet for
Hex(B56118) contains.

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Color

Hex(B56118)

Conversions

Conversions Part 1

Format	Color
Hex	B56118
RGB	181, 97, 24
RGB Percent	71%, 38%, 9%
CMY	0.2902, 0.6196, 0.9059
CMYK	0.00, 0.46, 0.87, 0.29
HSL	28°, 77%, 40%
HSV	28°, 87%, 71%
XYZ	23.4956, 18.4391, 3.1849
YIQ	113.7940, 73.4970, -4.8950

Conversions

Conversions Part 2

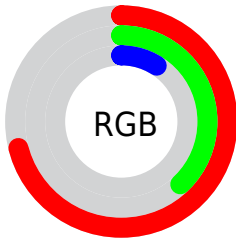
Format	Color
R _Y B	181, 160, 24
Decimal	11886872
CIE Lab	50.02, 29.21, 52.21
CIE LCh	50, 59.829, 60.774
Yxy	18.4391, 0.5207, 0.4087
Android (android.graphics.Color)	4290076952 (0xFFB56118)
YUV	113.7940, -44.2684, 58.9397
Hunter-Lab	42.9408, 22.5223, 25.6610

Details

The Hex color **B56118** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **186CB5**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F2954C**, and **7A3100** is the 20% darker color. If you saturate the color by 10%, you get **B55706**, and if you desaturate by 10%, it is **B56B2A**.

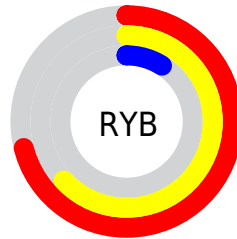
Distribution



Red (71%)

Green (38%)

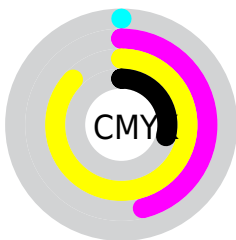
Blue (9%)



Red (71%)

Yellow (63%)

Blue (9%)

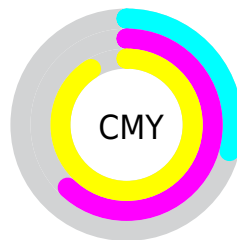


Cyan (0%)

Magenta (46%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B56118 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 B56118 by changing the saturation by 10% instead.

 B56118

 B56118

FFFFFF

 974800

 F2954C

 7A3100

 FFAF65

 5D1900

 FFCB7F

 410100

 FFE79A

 2A0001

 FFFFB6

 000000

 FFFFDD

 FFFFEE

 B56118

 B56118

 B55706

 B56B2A

 B55400

 B5743C

 B57E4E

 B58860

 B59173

 B59B85

 B5A597

 B5AEA9

 B5B8BB

Harmonies

Analogous

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



CD4B46



B56118



8E7500

Triad

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



B56118



008E77



7669CF

Complementary

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



B56118



186CB5

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.



007DDD



B56118



008EAA

Square

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



B56118



008B42



0089D0



B550AA

Rectangle

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



B56118



6D7F00



0089D0



5470D7

Sweetspot

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



B56118



EBCAAE



B5186E



756251



F5F5F5



757575

Same Dimension

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



B56118



EB6D00



B5AD18



595450



994700



1A0C00

Inverse Universe

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



186CB5



007EEB



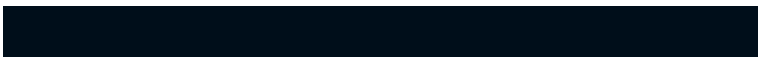
1820B5



505559



005299



000E1A

Previews

White Background



This preview shows how the Hex color B56118 looks on a white background.

Color Contrast Check

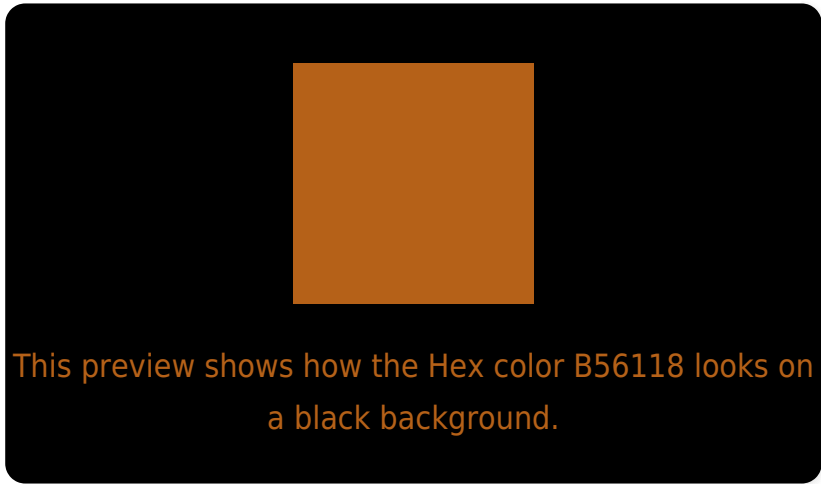
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56118 Background



This preview shows how black text looks on a background with the Hex color B56118.



This preview shows how white text looks on a background with the Hex color B56118.

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
B56118

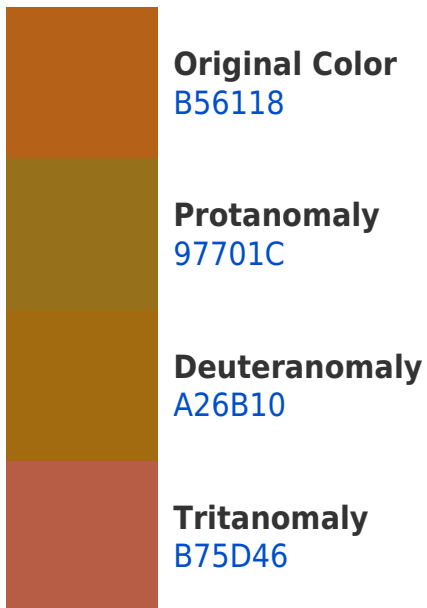
Protanopia
86781E

Deuteranopia
97710C

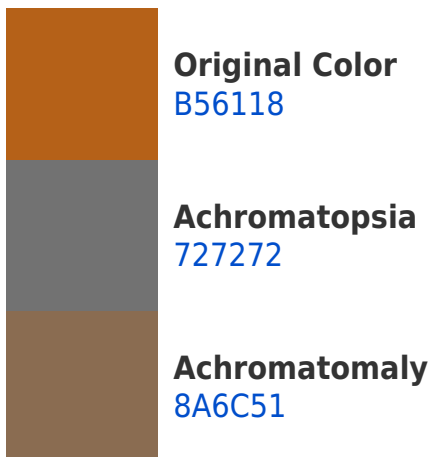


Tritanopia
B85A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B56118 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 #B56118 looks like.

```
.text, #text, p{  
    color:#B56118  
}
```

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 #B56118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56118
}
```

Border

The CSS property to change the border of an element to Hex B56118 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
#B56118 }
```

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

```
.border{ border-color:#B56118 }
```

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

Here you see how a box with a 4 pixel #B56118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56118; -webkit-box-shadow:4px 4px  
4px 4px #B56118; box-shadow:4px 4px 4px  
4px #B56118 }
```

Background

The CSS property to change the background color of an element to Hex B56118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56118 }
```

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

```
.background{ background-color:#B56118 }
```

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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