

Converting Colors

Hex(B55806)

Have a look what the booklet for
Hex(B55806) contains.

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Color

Hex(B55806)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B55806 |
| RGB | 181, 88, 6 |
| RGB Percent | 71%, 35%, 2% |
| CMY | 0.2902, 0.6549, 0.9765 |
| CMYK | 0.00, 0.51, 0.97, 0.29 |
| HSL | 28°, 94%, 37% |
| HSV | 28°, 97%, 71% |
| XYZ | 22.5787, 16.8164, 2.2282 |
| YIQ | 106.4590, 81.7500, -5.7860 |

Conversions

Conversions Part 2

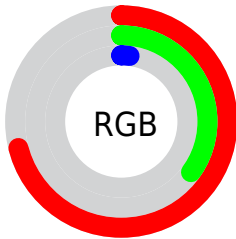
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 181, 160, 6 |
| Decimal | 11884550 |
| CIELab | 48.03, 33.68, 55.69 |
| CIELCh | 48, 65.081, 58.833 |
| Yxy | 16.8164, 0.5425, 0.4040 |
| Android (android.graphics.Color) | 4290074630 (0xFFB55806) |
| YUV | 106.4590, -49.5263, 65.3725 |
| Hunter-Lab | 41.0077, 26.5176, 25.4839 |

Details

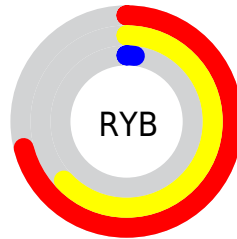
The Hex color **B55806** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0663B5**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **F38B40**, and **792700** is the 20% darker color. If you saturate the color by 10%, you get **B55500**, and if you desaturate by 10%, it is **B56218**.

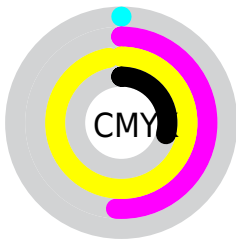
Distribution



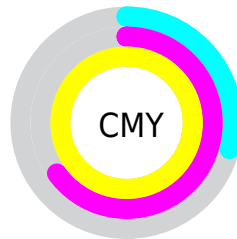
- Red (71%)
- Green (35%)
- Blue (2%)



- Red (71%)
- Yellow (63%)
- Blue (2%)



- Cyan (0%)
- Magenta (51%)
- Yellow (97%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B55806 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 B55806 by changing the saturation by 10% instead.

 B55806

 B55806

FFFFFF

 973F00

 F38B40

 792700

 FFA659

 5B0D00

 FFC273

 3F0000

 FFDE8E

 270001

 FFFBA9

 000000

 FFFFC5

 FFFFE1

 B55806

 B55806

 B55500

 B56218

 B56B2A

 B5753C

 B57E4E

 B58860

 B59273

 B59B85

 B5A597

 B5AFA9

Harmonies

Analogous

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



CE3D41



B55806



8C6F00

Triad

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



B55806



008A6E



6864D3

Complementary

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



B55806



0663B5

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.



007AE1



B55806



008AA6

Square

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



B55806



008635



0086D0



B147AC

Rectangle

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



B55806



697A00



0086D0



3A6CDB

Sweetspot

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



B55806



EBC6A7



B50663



755F4C



F5F5F5



757575

Same Dimension

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



B55806



EB6E00



B5AF06



595550



994800



1A0C00

Inverse Universe

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



0663B5



007DEB



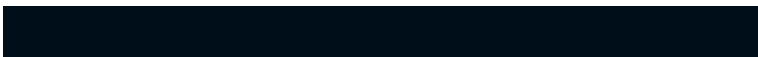
060CB5



505559



005199



000E1A

Previews

White Background



This preview shows how the Hex color B55806 looks on a white background.

Color Contrast Check

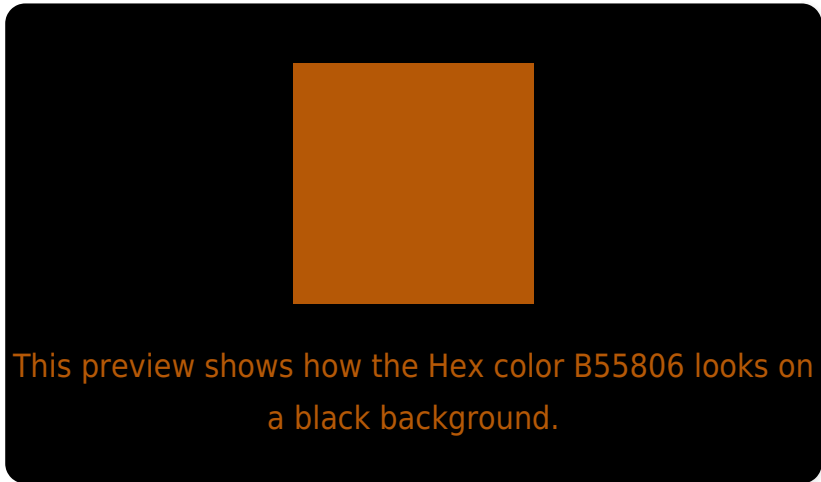
Large Text (above 18pt) WCAG AA ✓ Pass

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 B55806 Background



This preview shows how black text looks on a background with the Hex color B55806.



This preview shows how white text looks on a background with the Hex color B55806.

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
B55806

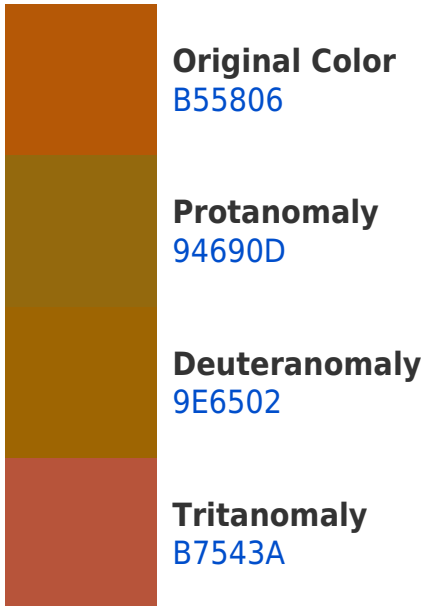
Protanopia
817311

Deuteranopia
916D00

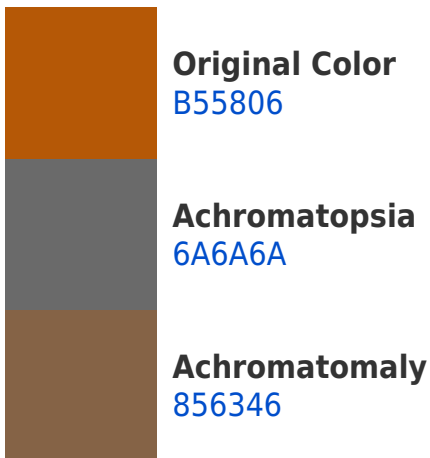


Tritanopia
B85257

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B55806 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 #B55806 looks like.

```
.text, #text, p{  
    color:#B55806  
}
```

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 #B55806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55806
}
```

Border

The CSS property to change the border of an element to Hex B55806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

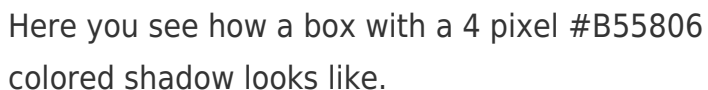
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55806 }
```

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

```
.border{ border-color:#B55806 }
```

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 #B55806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55806; -webkit-box-shadow:4px 4px  
4px 4px #B55806; box-shadow:4px 4px 4px  
4px #B55806 }
```

Background

The CSS property to change the background color of an element to Hex B55806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55806 }
```

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

```
.background{ background-color:#B55806 }
```

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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