

Converting Colors

Hex(B05011)

Have a look what the booklet for
Hex(B05011) contains.

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Color

Hex(B05011)

Conversions

Conversions Part 1

Format	Color
Hex	B05011
RGB	176, 80, 17
RGB Percent	69%, 31%, 7%
CMY	0.3098, 0.6863, 0.9333
CMYK	0.00, 0.55, 0.90, 0.31
HSL	24°, 82%, 38%
HSV	24°, 90%, 69%
XYZ	20.8743, 15.0079, 2.3269
YIQ	101.5220, 77.4390, 0.7590

Conversions

Conversions Part 2

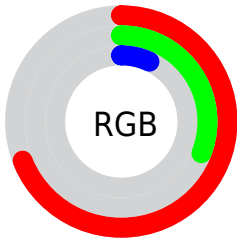
Format	Color
R_{YB}	176, 121, 17
Decimal	11554833
CIE Lab	45.65, 35.96, 50.78
CIE LCh	46, 62.223, 54.700
Yxy	15.0079, 0.5463, 0.3928
Android (android.graphics.Color)	4289744913 (0xFFB05011)
YUV	101.5220, -41.6693, 65.3172
Hunter-Lab	38.7400, 28.3863, 23.5568

Details

The Hex color **B05011** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1171B0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **EE8344**, and **741E00** is the 20% darker color. If you saturate the color by 10%, you get **B04600**, and if you desaturate by 10%, it is **B05B23**.

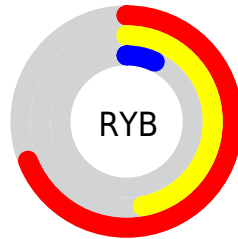
Distribution



Red (69%)

Green (31%)

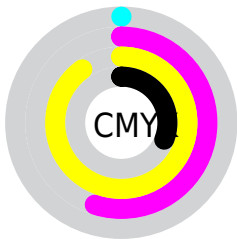
Blue (7%)



Red (69%)

Yellow (47%)

Blue (7%)

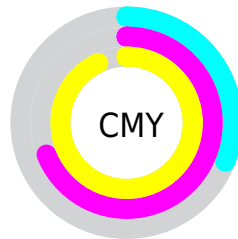


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B05011 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 B05011 by changing the saturation by 10% instead.

 B05011

 B05011

FFFFFF

 923700

 EE8344

 741E00

 FF9E5D

 570100

 FFB977

 3B0000

 FFD692

 1F0001

 FFF2AD

 000000

 FFFFC9

 FFFF E5

 B05011

 B05011

 B04600

 B05B23


 B06534

 B07046

 B07B57

 B08569

 B0907B

 B09A8C

 B0A59E

 B0B0AF

Harmonies

Analogous

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



C53744



B05011



8B6700

Triad

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



B05011



008261



5462CC

Complementary

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



B05011



1171B0

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.



0075D5



B05011



008396

Square

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



B05011



007E2A



0080C1



A148A9

Rectangle

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



B05011



6B7200



0080C1



126AD2

Sweetspot

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



B05011



E6C0A8



B01173



735D4E



F2F2F2



737373

Same Dimension

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



B05011



E65B00



B09D11



595450



993D00



1A0A00

Inverse Universe

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



1171B0



008BE6



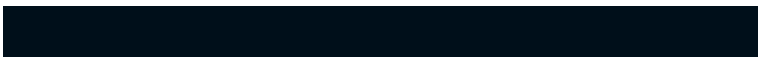
1124B0



505659



005C99



000F1A

Previews

White Background



This preview shows how the Hex color B05011 looks on a white background.

Color Contrast Check

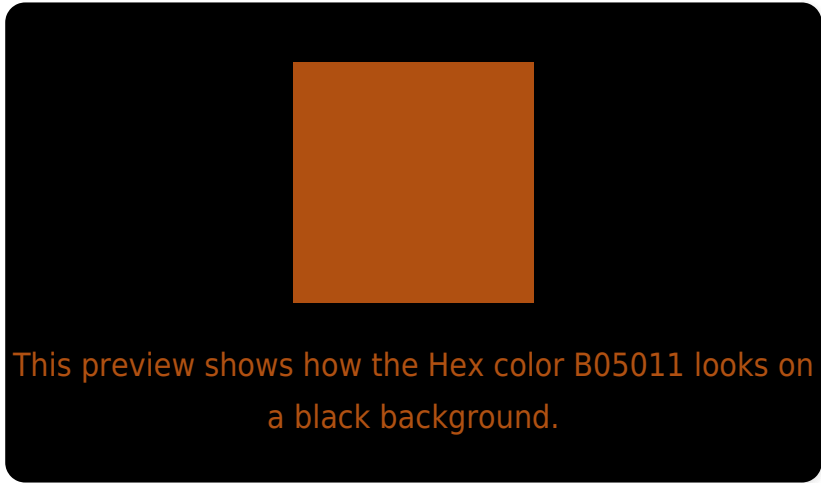
Large Text (above 18pt) WCAG AA ✓ Pass

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 B05011 Background



This preview shows how black text looks on a background with the Hex color B05011.



This preview shows how white text looks on a background with the Hex color B05011.

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
B05011

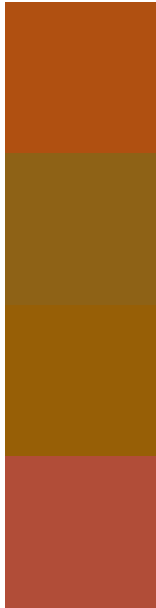
Protanopia
7A6D19

Deuteranopia
896700



Tritanopia
B24B4F

Trichromacy



Original Color
B05011

Protanomaly
8E6216

Deuteranomaly
975F06

Tritanomaly
B14D38

Monochromacy



Original Color
B05011

Achromatopsia
666666

Achromatomaly
815E47

CSS Examples

Text

The CSS property to change the color of the text to Hex B05011 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 #B05011 looks like.

```
.text, #text, p{  
    color:#B05011  
}
```

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 #B05011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05011
}
```

Border

The CSS property to change the border of an element to Hex B05011 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
#B05011 }
```

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

```
.border{ border-color:#B05011 }
```

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

Here you see how a box with a 4 pixel #B05011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05011; -webkit-box-shadow:4px 4px  
4px 4px #B05011; box-shadow:4px 4px 4px  
4px #B05011 }
```

Background

The CSS property to change the background color of an element to Hex B05011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05011 }
```

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

```
.background{ background-color:#B05011 }
```

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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