

Converting Colors

Hex(B05B24)

Have a look what the booklet for
Hex(B05B24) contains.

Hex(B05B24)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B05B24)

Conversions

Conversions Part 1

Format	Color
Hex	B05B24
RGB	176, 91, 36
RGB Percent	69%, 36%, 14%
CMY	0.3098, 0.6431, 0.8588
CMYK	0.00, 0.48, 0.80, 0.31
HSL	24°, 66%, 42%
HSV	24°, 80%, 69%
XYZ	21.9640, 16.8397, 3.7618
YIQ	110.1450, 68.3150, 0.9150

Conversions

Conversions Part 2

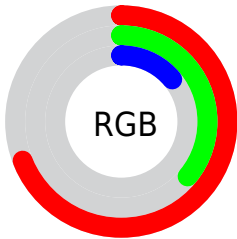
Format	Color
R_{YB}	176, 127, 36
Decimal	11557668
CIE _{Lab}	48.06, 30.72, 45.30
CIE _{LCh}	48, 54.737, 55.861
Yxy	16.8397, 0.5160, 0.3956
Android (android.graphics.Color)	4289747748 (0xFFB05B24)
YUV	110.1450, -36.5535, 57.7548
Hunter-Lab	41.0361, 23.7264, 23.2901

Details

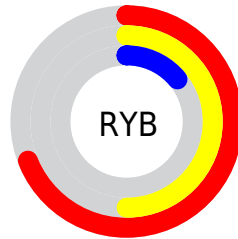
The Hex color **B05B24** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2479B0**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **ED8E55**, and **752B00** is the 20% darker color. If you saturate the color by 10%, you get **B05012**, and if you desaturate by 10%, it is **B06636**.

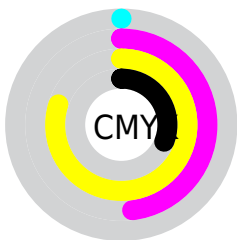
Distribution



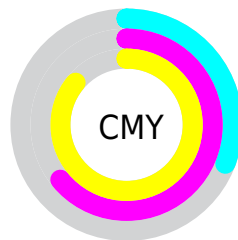
- Red (69%)
- Green (36%)
- Blue (14%)



- Red (69%)
- Yellow (50%)
- Blue (14%)



- Cyan (0%)
- Magenta (48%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B05B24 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 B05B24 by changing the saturation by 10% instead.

 B05B24

 B05B24

FFFFFF

 92430A

 ED8E55

 752B00

 FFA96E

 591200

 FFC588

 3D0000

 FFE1A3

 240001

 FFFEBE

 000000

 FFFFDA

 FFFFF7

 B05B24

 B05B24

 B05012

 B06636


 B04601

 B07047

 B04500

 B07B59

 B0866A

 B0907C

 B09B8E

 B0A69F

 B0B0B1

 B0BBC2

Harmonies

Analogous

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



C3494D



B05B24



8E6E00

Triad

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



B05B24



00876A



6569C6

Complementary

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



B05B24



2479B0

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.



0079CF



B05B24



008799

Square

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



B05B24



19833B



0083BE



A353A7

Rectangle

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



B05B24



727703



0083BE



426FCB

Sweetspot

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



B05B24



E6C4AE



B0247A



735F51



F2F2F2



737373

Same Dimension

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



B05B24



E6610B



B0A024



595450



993C00



1A0A00

Inverse Universe

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



2479B0



0B90E6



2434B0



505659



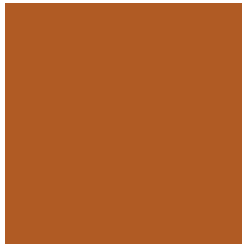
005D99



000F1A

Previews

White Background



This preview shows how the Hex color B05B24 looks on a white background.

Color Contrast Check

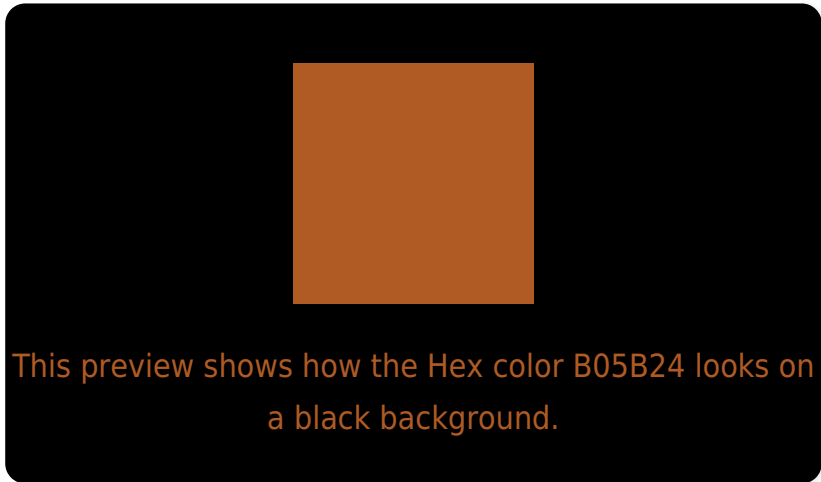
Large Text (above 18pt) WCAG AA ✓ Pass

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 B05B24 Background



This preview shows how black text looks on a background with the Hex color B05B24.



This preview shows how white text looks on a background with the Hex color B05B24.

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
B05B24

Protanopia
80732A

Deuteranopia
906D1E

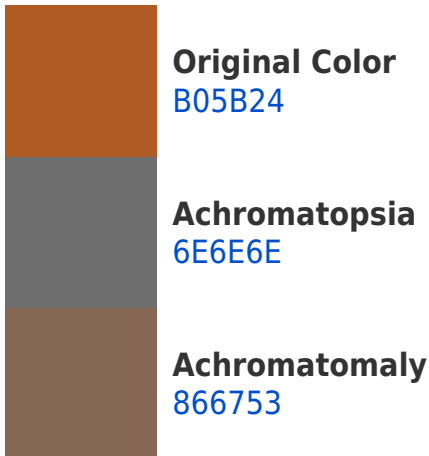


Tritanopia
B3555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B05B24 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 #B05B24 looks like.

```
.text, #text, p{  
    color:#B05B24  
}
```

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 #B05B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05B24
}
```

Border

The CSS property to change the border of an element to Hex B05B24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

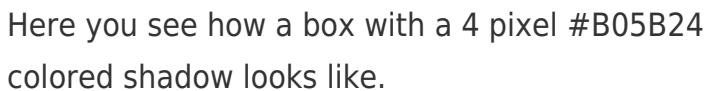
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B05B24 }
```

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

```
.border{ border-color:#B05B24 }
```

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



Here you see how a box with a 4 pixel `#B05B24` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05B24; -webkit-box-shadow:4px 4px  
4px 4px #B05B24; box-shadow:4px 4px 4px  
4px #B05B24 }
```

Background

The CSS property to change the background color of an element to Hex B05B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05B24 }
```

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

```
.background{ background-color:#B05B24 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor