

# Converting Colors

Hex(B05624)

Have a look what the booklet for  
Hex(B05624) contains.

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**Color**

**Hex(B05624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B05624
RGB	176, 86, 36
RGB Percent	69%, 34%, 14%
CMY	0.3098, 0.6627, 0.8588
CMYK	0.00, 0.51, 0.80, 0.31
HSL	21°, 66%, 42%
HSV	21°, 80%, 69%
XYZ	21.5507, 16.0131, 3.6240
YIQ	107.2100, 69.6900, 3.5300

# Conversions

## Conversions Part 2

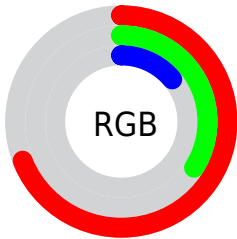
Format	Color
<b>RYB</b>	176, 114, 36
Decimal	11556388
CIELab	46.99, 33.38, 44.27
CIElCh	47, 55.443, 52.989
Yxy	16.0131, 0.5232, 0.3888
Android (android.graphics.Color)	4289746468 (0xFFB05624)
YUV	107.2100, -35.1065, 60.3288
Hunter-Lab	40.0163, 26.1023, 22.6419

# Details

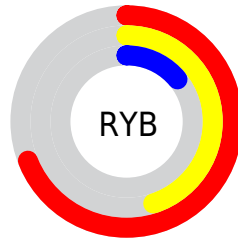
The Hex color **B05624** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **247EB0**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **ED8954**, and **752500** is the 20% darker color. If you saturate the color by 10%, you get **B04B12**, and if you desaturate by 10%, it is **B06136**.

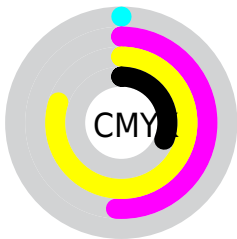
# Distribution



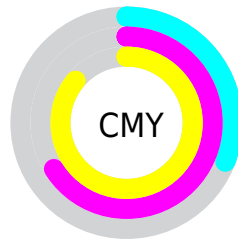
- Red (69%)
- Green (34%)
- Blue (14%)



- Red (69%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (51%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B05624 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 B05624 by changing the saturation by 10% instead.



 B05624

 B05624

FFFFFF

 923D0A

 ED8954

 752500

 FFA46E

 580B00

 FFC087

 3C0000

 FFDCA2

 220001

 FFF9BE

 000000

 FFFFDA

 FFFFF6

 B05624

 B05624

 B04B12

 B06136

 B03F01

 B06D47

 B03F00

 B07859

 B0836A

 B08F7C

 B09A8E

 B0A59F

 B0B1B1

 B0BCC2

# Harmonies

## Analogous

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



C1434E



B05624



8F6900

# Triad

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



B05624



008463



5868C6

# Complementary

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



B05624



247E80

# 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.



0078CC



B05624



008593

# Square

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



B05624



208033



0081B9



9D52A8

# Rectangle

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



B05624



737400



0081B9



2D6ECB



# Sweetspot

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



B05624



E6C2AE



B0247F



735D51



F2F2F2



737373



# Same Dimension

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



B05624



E6590B



B09B24



595450



993700



1A0900



# Inverse Universe

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



247EB0



0B98E6



2439B0



505659



006299

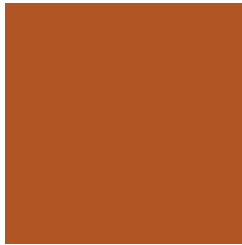


00101A



# Previews

## White Background



This preview shows how the Hex color B05624 looks on a white background.

## Color Contrast Check

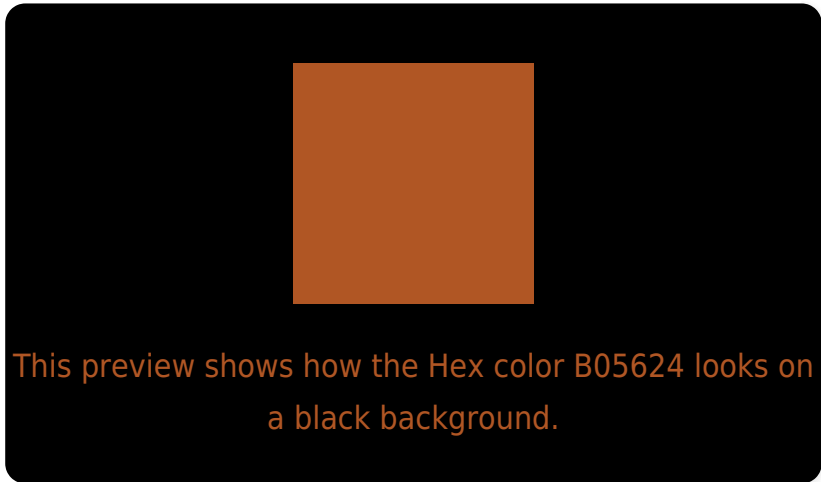
Large Text (above 18pt) WCAG AA ✓ Pass

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 B05624 Background



This preview shows how black text looks on a background with the Hex color B05624.



This preview shows how white text looks on a background with the Hex color B05624.

# 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**  
B05624

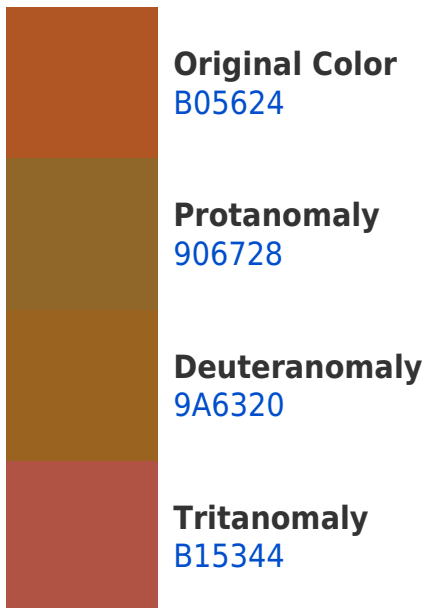
**Protanopia**  
7D702B

**Deuteranopia**  
8D6A1D

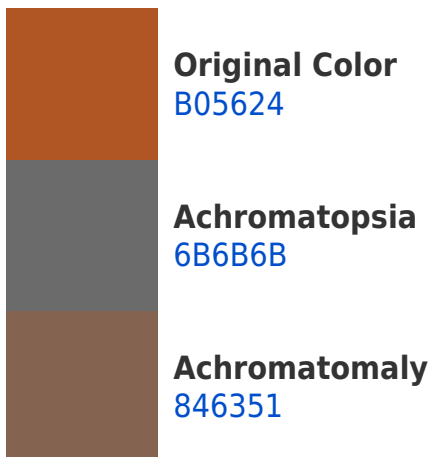


**Tritanopia**  
B25156

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B05624 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 #B05624 looks like.

```
.text, #text, p{  
    color:#B05624  
}
```

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 #B05624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05624
}
```

## Border

The CSS property to change the border of an element to Hex B05624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

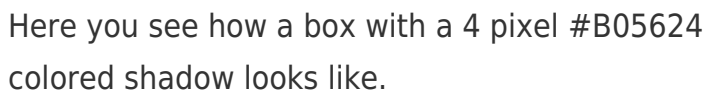
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B05624 }
```

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

```
.border{ border-color:#B05624 }
```

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, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B05624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05624; -webkit-box-shadow:4px 4px  
4px 4px #B05624; box-shadow:4px 4px 4px  
4px #B05624 }
```

# Background

The CSS property to change the background color of an element to Hex B05624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05624 }
```

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

```
.background{ background-color:#B05624 }
```

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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