

# Converting Colors

Hex(B16023)

Have a look what the booklet for  
Hex(B16023) contains.

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**Color**

**Hex(B16023)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B16023</a>
RGB	<a href="#">177, 96, 35</a>
RGB Percent	<a href="#">69%, 38%, 14%</a>
CMY	<a href="#">0.3059, 0.6235, 0.8627</a>
CMYK	<a href="#">0.00, 0.46, 0.80, 0.31</a>
HSL	<a href="#">26°, 67%, 42%</a>
HSV	<a href="#">26°, 80%, 69%</a>
XYZ	<a href="#">22.6177, 17.8342, 3.8404</a>
YIQ	<a href="#">113.2650, 67.8570, -1.7990</a>

# Conversions

## Conversions Part 2

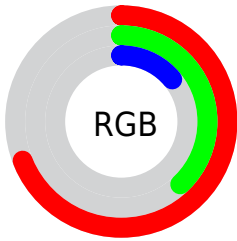
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 142, 35
Decimal	11624483
CIE <sub>Lab</sub>	49.29, 28.40, 46.99
CIE <sub>LCh</sub>	49, 54.903, 58.850
Yxy	17.8342, 0.5106, 0.4026
Android (android.graphics.Color)	4289814563 (0xFFB16023)
YUV	113.2650, -38.5846, 55.8956
Hunter-Lab	42.2306, 21.6970, 24.1697

# Details

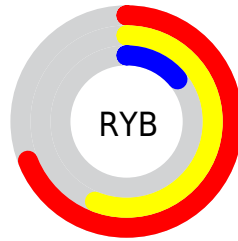
The Hex color **B16023** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2374B1**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **EE9354**, and **773000** is the 20% darker color. If you saturate the color by 10%, you get **B15611**, and if you desaturate by 10%, it is **B16A35**.

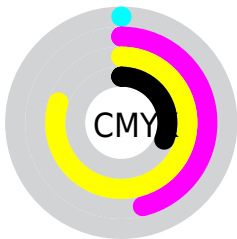
# Distribution



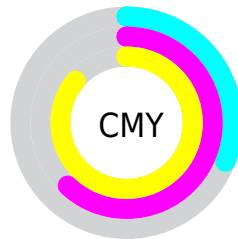
- Red (69%)
- Green (38%)
- Blue (14%)



- Red (69%)
- Yellow (56%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (62%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B16023 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 B16023 by changing the saturation by 10% instead.



 B16023

 B16023

FFFFFF

 934807

 EE9354

 773000

 FFAE6E

 5A1900

 FFCA88

 3E0100

 FFE6A3

 270001

 FFFFBE

 000000

 FFFFDA

 FFFFF7

 B16023

 B16023

 B15611

 B16A35

 B14C00

 B17446

 B17E58

 B1886A

 B1927B

 B19D8D

 B1A79F

 B1B1B1

 B1BBC2

# Harmonies

## Analogous

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



C64D4B



B16023



8E7203

# Triad

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



B16023



008B72



716AC7

# Complementary

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



B16023



2374B1

# 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.



007BD3



B16023



008AA1

# Square

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



B16023



0A8742



0086C4



AB54A6

# Rectangle

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



B16023



707C0B



0086C4



5270CE



# Sweetspot

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



B16023



E6C6AE



B12376



736051



F2F2F2



737373



# Same Dimension

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



B16023



E66809



B1A523



595450



994200



1A0B00



# Inverse Universe

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



2374B1



0987E6



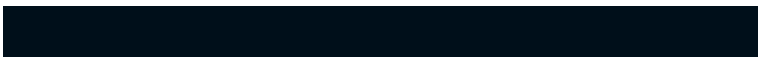
232FB1



505559



005799



000F1A



# Previews

## White Background



This preview shows how the Hex color B16023 looks on a white background.

## Color Contrast Check

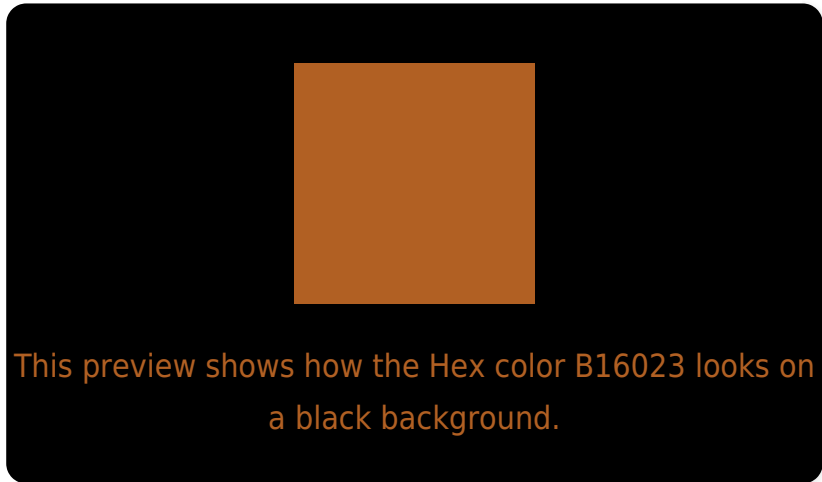
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 B16023 Background



This preview shows how black text looks on a background with the Hex color B16023.



This preview shows how white text looks on a background with the Hex color B16023.

# 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**  
B16023

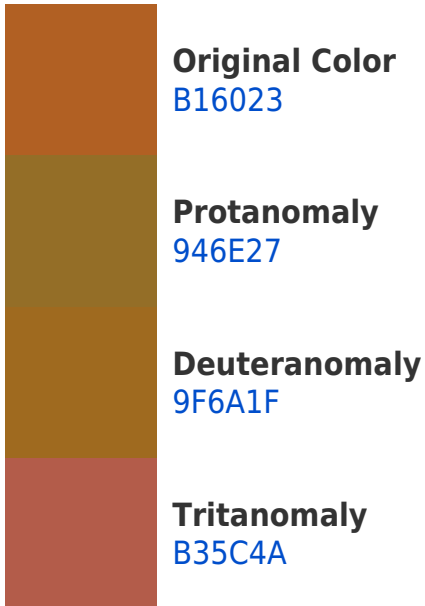
**Protanopia**  
847629

**Deuteranopia**  
94701D

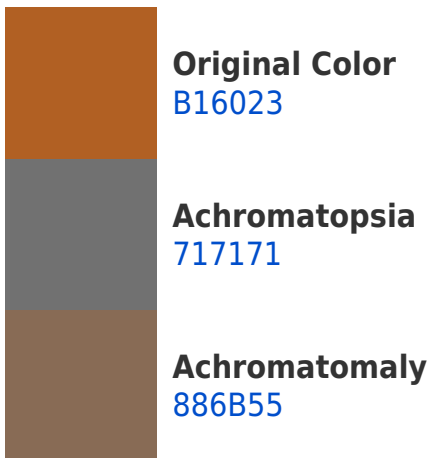


**Tritanopia**  
B45A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B16023 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 #B16023 looks like.

```
.text, #text, p{  
    color:#B16023  
}
```

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 #B16023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16023
}
```

## Border

The CSS property to change the border of an element to Hex B16023 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
#B16023 }
```

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

```
.border{ border-color:#B16023 }
```

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

Here you see how a box with a 4 pixel #B16023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16023; -webkit-box-shadow:4px 4px  
4px 4px #B16023; box-shadow:4px 4px 4px  
4px #B16023 }
```

# Background

The CSS property to change the background color of an element to Hex B16023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16023 }
```

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

```
.background{ background-color:#B16023 }
```

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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