

# Converting Colors

Hex(160B04)

Have a look what the booklet for  
Hex(160B04) contains.

<b>Hex(160B04)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(160B04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	160B04
RGB	22, 11, 4
RGB Percent	9%, 4%, 2%
CMY	0.9137, 0.9569, 0.9843
CMYK	0.00, 0.50, 0.82, 0.91
HSL	23°, 69%, 5%
HSV	23°, 82%, 9%
XYZ	0.4725, 0.4187, 0.1708
YIQ	13.4910, 8.8030, 0.1550

# Conversions

## Conversions Part 2

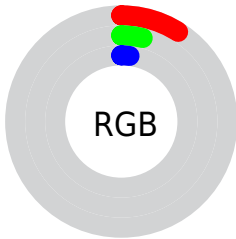
Format	Color
<a href="#">RYB</a>	<a href="#">22, 15, 4</a>
Decimal	<a href="#">1444612</a>
CIELab	<a href="#">3.78, 3.05, 4.08</a>
CIELCh	<a href="#">4, 5.094, 53.183</a>
Yxy	<a href="#">0.4187, 0.4449, 0.3943</a>
Android (android.graphics.Color)	<a href="#">4279634692</a> ( <a href="#">0xFF160B04</a> )
YUV	<a href="#">13.4910, -4.6791, 7.4624</a>
Hunter-Lab	<a href="#">6.4706, 1.7101, 2.9646</a>

# Details

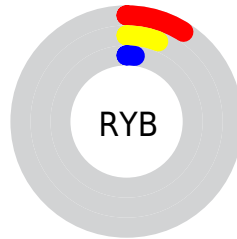
The Hex color **160B04** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **040F16**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **403733**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160A02**, and if you desaturate by 10%, it is **160C06**.

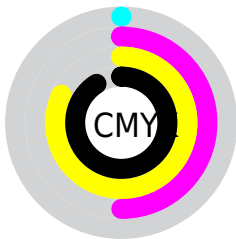
# Distribution



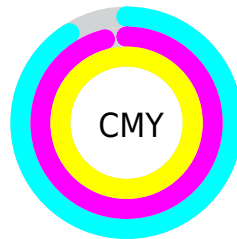
- Red (9%)
- Green (4%)
- Blue (2%)



- Red (9%)
- Yellow (6%)
- Blue (2%)



- Cyan (0%)
- Magenta (50%)
- Yellow (82%)
- Black (91%)



- Cyan (91%)
- Magenta (96%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 160B04 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 160B04 by changing the saturation by 10% instead.



■ 160B04

■ 160B04

■ F7EBE5

■ 000000

■ 403733

■ 574E49

■ 706661

■ 897F7A

■ A39893

■ BEB3AE

■ DACFC9

■ 160B04

■ 160B04

■ 160A02

■ 160C06

■ 160900

■ 160E08

■ 160F0B

■ 16100D

■ 16120F

■ 161311

■ 161413

■ 161616

■ 161718

# Harmonies

## Analogous

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



170A09



160B04



130D02

# Triad

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



160B04



01100C



0D0D15

# Complementary

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



160B04



040F16

# 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.



060E16



160B04



001011

# Square

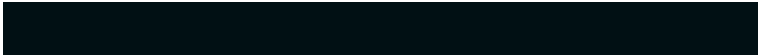
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160B04



071006



011014



130B13

# Rectangle

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



160B04



100E02



011014



0B0D16



# Sweetspot

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



160B04



1C1815



16040F



0F0C0B



8F8F8F



0F0F0F



# Same Dimension

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



160B04



1C0B01



161404



0A0A09



4A1D00



C94E00

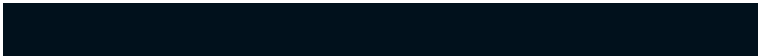


# Inverse Universe

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



040F16



01111C



040616



090A0A



002D4A

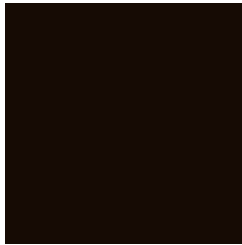


007BC9



# Previews

## White Background



This preview shows how the Hex color 160B04 looks on a white background.

## Color Contrast Check

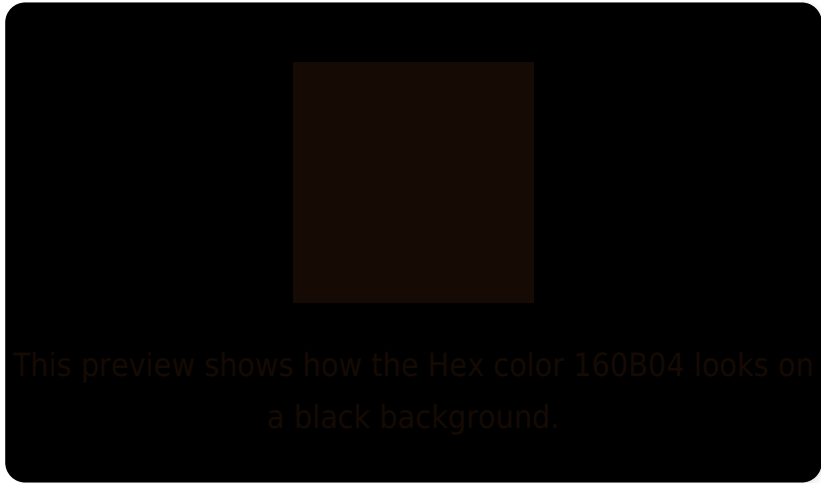
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

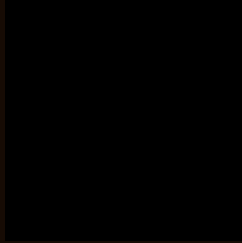
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 160B04 Background



This preview shows how black text looks on a background with the Hex color 160B04.



This preview shows how white text looks on a background with the Hex color 160B04.

# 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](#).

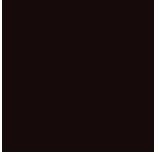
## Dichromacy



**Original Color**  
160B04

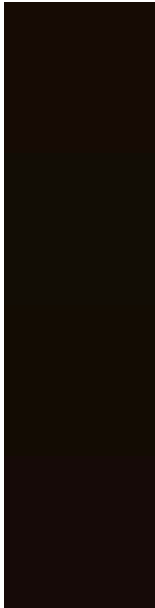
**Protanopia**  
100E05

**Deuteranopia**  
120D03



**Tritanopia**  
160A0B

# Trichromacy



**Original Color**  
160B04

**Protanomaly**  
120D05

**Deuteranomaly**  
130C03

**Tritanomaly**  
160A08

# Monochromacy



**Original Color**  
160B04

**Achromatopsia**  
0D0D0D

**Achromatomaly**  
100C0A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 160B04 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 #160B04 looks like.

```
.text, #text, p{  
    color:#160B04  
}
```

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 #160B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160B04
}
```

## Border

The CSS property to change the border of an element to Hex 160B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

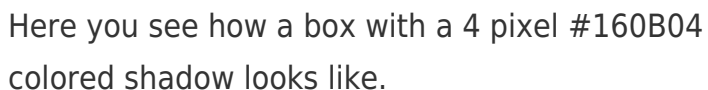
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160B04 }
```

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

```
.border{ border-color:#160B04 }
```

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



Here you see how a box with a 4 pixel #160B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160B04; -webkit-box-shadow:4px 4px  
4px 4px #160B04; box-shadow:4px 4px 4px  
4px #160B04 }
```

# Background

The CSS property to change the background color of an element to Hex 160B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160B04 }
```

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

```
.background{ background-color:#160B04 }
```

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