

# Converting Colors

Hex(160014)

Have a look what the booklet for  
Hex(160014) contains.

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# Color

**Hex(160014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	160014
RGB	22, 0, 20
RGB Percent	9%, 0%, 8%
CMY	0.9137, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.09, 0.91
HSL	305°, 100%, 4%
HSV	305°, 100%, 9%
XYZ	0.4571, 0.2211, 0.6804
YIQ	8.8580, 6.6920, 10.8840

# Conversions

## Conversions Part 2

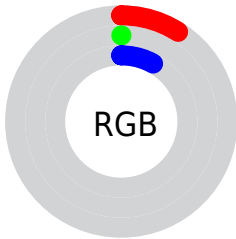
Format	Color
<a href="#">RYB</a>	<a href="#">22, 0, 20</a>
Decimal	<a href="#">1441812</a>
CIELab	<a href="#">2.00, 10.12, -6.29</a>
CIELCh	<a href="#">2, 11.914, 328.138</a>
Yxy	<a href="#">0.2211, 0.3365, 0.1627</a>
Android (android.graphics.Color)	<a href="#">4279631892 (0xFF160014)</a>
YUV	<a href="#">8.8580, 5.4930, 11.5255</a>
Hunter-Lab	<a href="#">4.7019, 9.1263, -5.2883</a>

# Details

The Hex color **160014** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001602**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3F303E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160014**, and if you desaturate by 10%, it is **160214**.

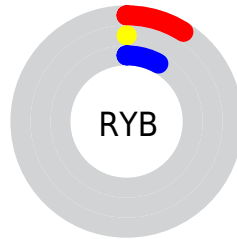
# Distribution



Red (9%)

Green (0%)

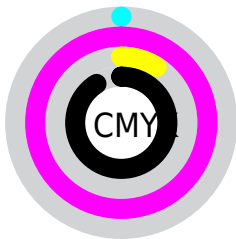
Blue (8%)



Red (9%)

Yellow (0%)

Blue (8%)

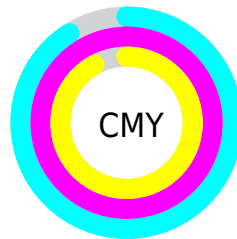


Cyan (0%)

Magenta (100%)

Yellow (9%)

Black (91%)



Cyan (91%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 160014 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 160014 by changing the saturation by 10% instead.



 160014

 160014

 F7E2F4

 000000

 3F303E

 574655

 6F5E6E

 897787

 A390A1

 BEABBC

 DAC6D8

 160014

■ 160214

■ 160414

■ 160715

■ 160915

■ 160B15

■ 160D15

■ 160F15

■ 161216

■ 161416

# Harmonies

## Analogous

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



0A041A



160014



1C0009

# Triad

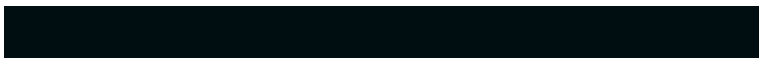
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160014



0C0700



000E12

# Complementary

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



160014



001602

# 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.



000E06



160014



000B00

# Square

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



160014



170200



000D00



000D19

# Rectangle

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



160014



1D0000



000D00



000E0F



# Sweetspot

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



160014



1C141B



020016



0F0A0F



8F8F8F



0F0F0F



# Same Dimension

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



160014



1C001A



160009



0A090A



4A0043



C900B7



# Inverse Universe

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



160014



1C001A



00160D



0A090A



4A0043

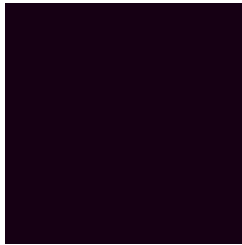


C900B7



# Previews

## White Background



This preview shows how the Hex color 160014 looks on a white background.

## Color Contrast Check

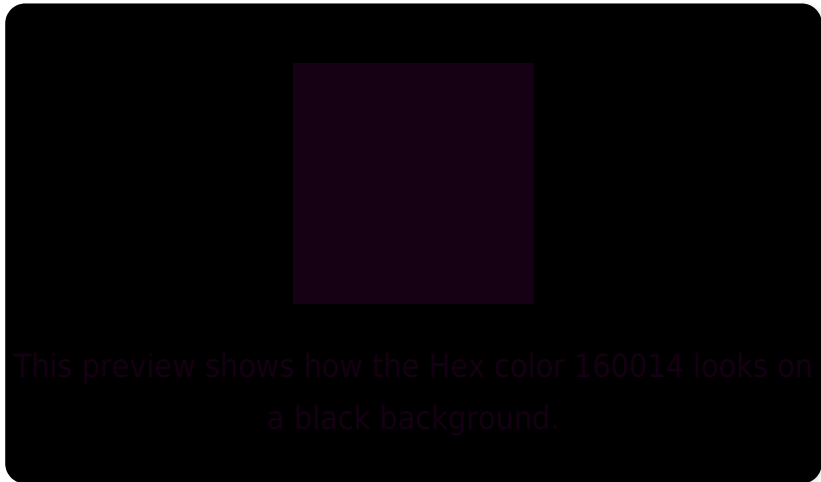
Large Text (above 18pt) WCAG AA ✓ Pass

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

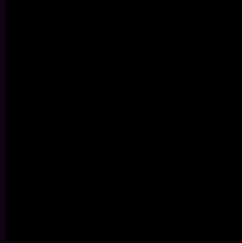
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 160014 Background



This preview shows how black text looks on a background with the Hex color 160014.



This preview shows how white text looks on a background with the Hex color 160014.

# 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**  
160014

**Protanopia**  
000C19

**Deuteranopia**  
090C13



**Tritanopia**  
150808

# Trichromacy



**Original Color**

160014

**Protanomaly**

080817

**Deuteranomaly**

0E0813

**Tritanomaly**

15050C

# Monochromacy



**Original Color**

160014

**Achromatopsia**

090909

**Achromatomaly**

0E060D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 160014 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 #160014 looks like.

```
.text, #text, p{  
    color:#160014  
}
```

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 #160014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160014
}
```

## Border

The CSS property to change the border of an element to Hex 160014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

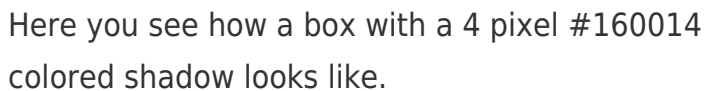
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160014 }
```

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

```
.border{ border-color:#160014 }
```

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



Here you see how a box with a 4 pixel #160014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160014; -webkit-box-shadow:4px 4px  
4px 4px #160014; box-shadow:4px 4px 4px  
4px #160014 }
```

# Background

The CSS property to change the background color of an element to Hex 160014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160014 }
```

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

```
.background{ background-color:#160014 }
```

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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