

Converting Colors

Hex(160004)

Have a look what the booklet for
Hex(160004) contains.

Hex(160004)	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>	28

Color

Hex(160004)

Conversions

Conversions Part 1

Format	Color
Hex	160004
RGB	22, 0, 4
RGB Percent	9%, 0%, 2%
CMY	0.9137, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.82, 0.91
HSL	349°, 100%, 4%
HSV	349°, 100%, 9%
XYZ	0.3528, 0.1793, 0.1309
YIQ	7.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

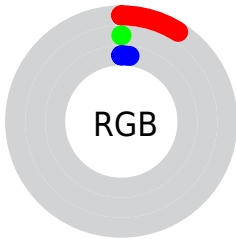
Format	Color
RYB	22, 0, 4
Decimal	1441796
CIELab	1.62, 7.47, 0.92
CIELCh	2, 7.526, 7.029
Yxy	0.1793, 0.5321, 0.2705
Android (android.graphics.Color)	4279631876 (0xFF160004)
YUV	7.0340, -1.4958, 13.1252
Hunter-Lab	4.2348, 7.4593, 1.1319

Details

The Hex color **160004** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001612**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **3F3033**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160004**, and if you desaturate by 10%, it is **160206**.

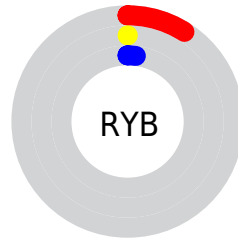
Distribution



Red (9%)

Green (0%)

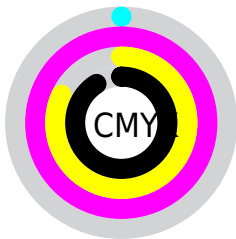
Blue (2%)



Red (9%)

Yellow (0%)

Blue (2%)

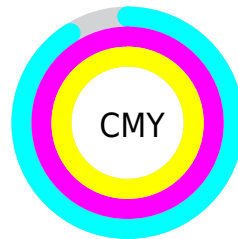


Cyan (0%)

Magenta (100%)

Yellow (82%)

Black (91%)



Cyan (91%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160004 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 160004 by changing the saturation by 10% instead.

 160004

 160004

 F6E2E5

 000000

 3F3033

 574649

 6F5E61

 89777A

 A39093

 BEABAE

 DAC6C9

 160004

■ 160206

■ 160408

■ 160709

■ 16090B

■ 160B0D

■ 160D0F

■ 160F11

■ 161212

■ 161414

Harmonies

Analogous

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



12010D



160004



150100

Triad

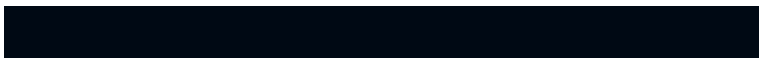
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160004



000900



000914

Complementary

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



160004



001612

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.



000B10



160004



000B00

Square

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



160004



070600



000B08



000615

Rectangle

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



160004



120200



000B08



000A13

Sweetspot

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



160004



1C1415



120016



0F0A0B



8F8F8F



0F0F0F

Same Dimension

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



160004



1C0005



160700



0A0909



4A000D



C90025

Inverse Universe

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



160004



1C0005



000F16



0A0909



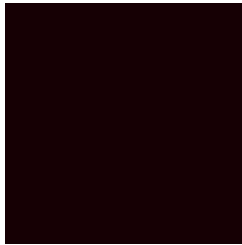
4A000D



C90025

Previews

White Background



This preview shows how the Hex color 160004 looks on a white background.

Color Contrast Check

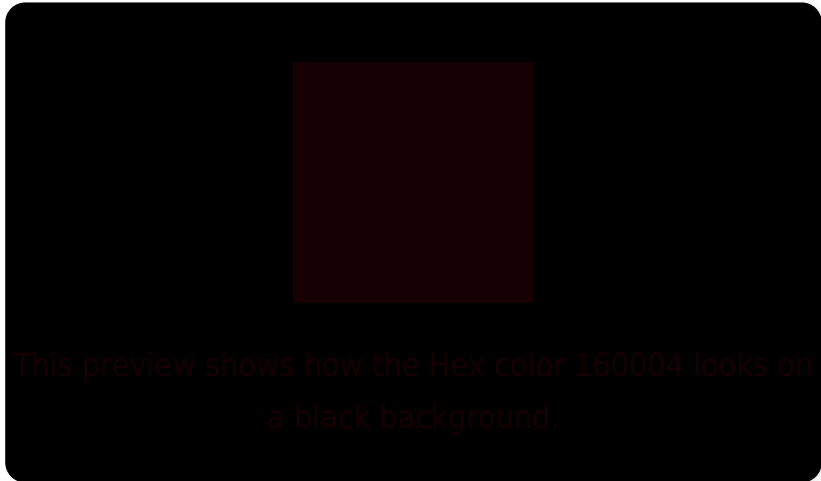
Large Text (above 18pt) WCAG AA ✓ Pass

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

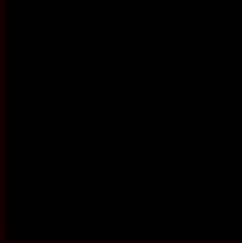
Any Text WCAG AA × Fail

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 160004 Background



This preview shows how black text looks on a background with the Hex color 160004.

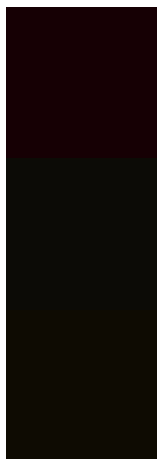


This preview shows how white text looks on a background with the Hex color 160004.

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

160004

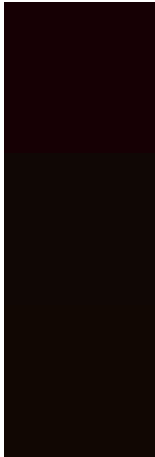
Protanopia

0C0B06

Deuteranopia

0E0B02

Trichromacy



Original Color
160004

Protanomaly
100705

Deuteranomaly
110703

Monochromacy



Original Color
160004

Achromatopsia
070707

Achromatomaly
0C0406

CSS Examples

Text

The CSS property to change the color of the text to Hex 160004 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 #160004 looks like.

```
.text, #text, p{  
    color:#160004  
}
```

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 #160004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160004
}
```

Border

The CSS property to change the border of an element to Hex 160004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

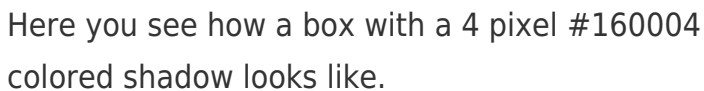
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160004 }
```

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

```
.border{ border-color:#160004 }
```

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



Here you see how a box with a 4 pixel #160004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160004; -webkit-box-shadow:4px 4px  
4px 4px #160004; box-shadow:4px 4px 4px  
4px #160004 }
```

Background

The CSS property to change the background color of an element to Hex 160004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160004 }
```

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

```
.background{ background-color:#160004 }
```

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