

Converting Colors

Hex(160012)

Have a look what the booklet for
Hex(160012) contains.

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Color

Hex(160012)

Conversions

Conversions Part 1

Format	Color
Hex	160012
RGB	22, 0, 18
RGB Percent	9%, 0%, 7%
CMY	0.9137, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.18, 0.91
HSL	311°, 100%, 4%
HSV	311°, 100%, 9%
XYZ	0.4401, 0.2142, 0.5904
YIQ	8.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

Format	Color
RYB	22, 0, 18
Decimal	1441810
CIELab	1.94, 9.68, -5.11
CIElCh	2, 10.950, 332.190
Yxy	0.2142, 0.3535, 0.1721
Android (android.graphics.Color)	4279631890 (0xFF160012)
YUV	8.6300, 4.6194, 11.7255
Hunter-Lab	4.6287, 8.8702, -4.3229

Details

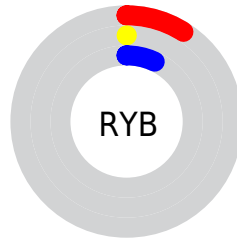
The Hex color **160012** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001604**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3F303C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160012**, and if you desaturate by 10%, it is **160212**.

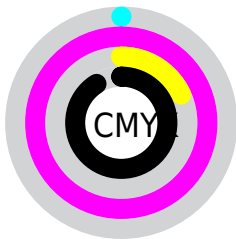
Distribution



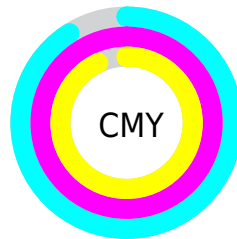
- Red (9%)
- Green (0%)
- Blue (7%)



- Red (9%)
- Yellow (0%)
- Blue (7%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (91%)



- Cyan (91%)
- Magenta (100%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160012 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 160012 by changing the saturation by 10% instead.

 160012

 160012

 F7E2F2

 000000

 3F303C

 574653

 6F5E6C

 897785

 A3909F

 BEABBA

 DAC6D5

 160012

■ 160212

■ 160413

■ 160713

■ 160914

■ 160B14

■ 160D14

■ 160F15

■ 161215

■ 161416

Harmonies

Analogous

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



0C0318



160012



1B0007

Triad

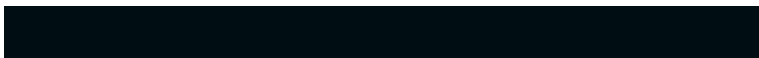
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160012



0A0700



000E13

Complementary

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



160012



001604

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.



000D08



160012



000B00

Square

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



160012



150300



000D00



000C18

Rectangle

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



160012



1C0000



000D00



000E10

Sweetspot

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



160012



1C141B



040016



0F0A0E



8F8F8F



0F0F0F

Same Dimension

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



160012



1C0017



160007



0A090A



4A003D



C900A5

Inverse Universe

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



160012



1C0017



00160F



0A090A



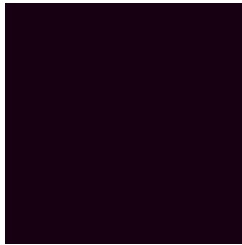
4A003D



C900A5

Previews

White Background



This preview shows how the Hex color 160012 looks on a white background.

Color Contrast Check

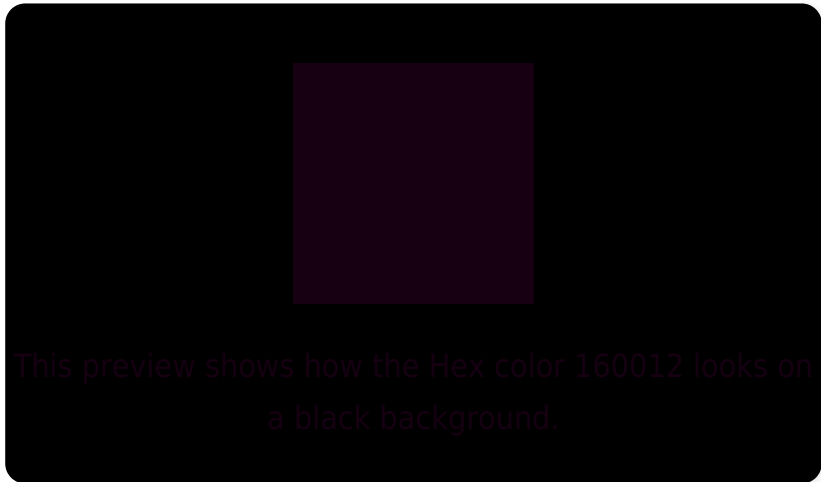
Large Text (above 18pt) WCAG AA ✓ Pass

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

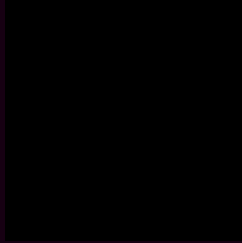
Any Text WCAG AA × Fail

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 160012 Background



This preview shows how black text looks on a background with the Hex color 160012.



This preview shows how white text looks on a background with the Hex color 160012.

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
160012

Protanopia
000C19

Deuteranopia
0A0C11



Tritanopia
150707

Trichromacy



Original Color

160012

Protanomaly

080816

Deuteranomaly

0E0811

Tritanomaly

15040B

Monochromacy



Original Color

160012

Achromatopsia

090909

Achromatomaly

0E060C

CSS Examples

Text

The CSS property to change the color of the text to Hex 160012 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 #160012 looks like.

```
.text, #text, p{  
    color:#160012  
}
```

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 #160012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160012
}
```

Border

The CSS property to change the border of an element to Hex 160012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

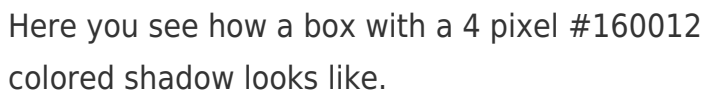
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160012 }
```

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

```
.border{ border-color:#160012 }
```

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



Here you see how a box with a 4 pixel #160012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160012; -webkit-box-shadow:4px 4px  
4px 4px #160012; box-shadow:4px 4px 4px  
4px #160012 }
```

Background

The CSS property to change the background color of an element to Hex 160012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160012 }
```

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

```
.background{ background-color:#160012 }
```

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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