

Converting Colors

Hex(160309)

Have a look what the booklet for
Hex(160309) contains.

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Color

Hex(160309)

Conversions

Conversions Part 1

Format	Color
Hex	160309
RGB	22, 3, 9
RGB Percent	9%, 1%, 4%
CMY	0.9137, 0.9882, 0.9647
CMYK	0.00, 0.86, 0.59, 0.91
HSL	341°, 76%, 5%
HSV	341°, 86%, 9%
XYZ	0.4127, 0.2554, 0.2860
YIQ	9.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

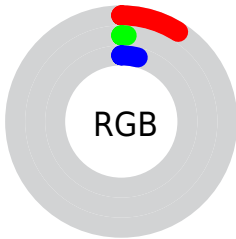
Format	Color
RYB	22, 3, 9
Decimal	1442569
CIELab	2.31, 6.96, -0.11
CIELCh	2, 6.964, 359.073
Yxy	0.2554, 0.4326, 0.2677
Android (android.graphics.Color)	4279632649 (0xFF160309)
YUV	9.3650, -0.1799, 11.0809
Hunter-Lab	5.0539, 5.7335, 0.1826

Details

The Hex color **160309** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031610**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **403236**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160107**, and if you desaturate by 10%, it is **16050B**.

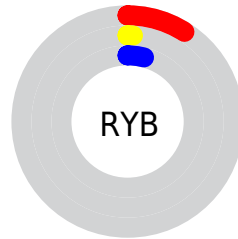
Distribution



Red (9%)

Green (1%)

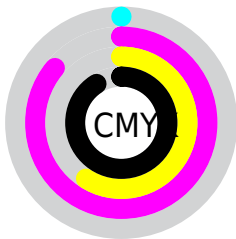
Blue (4%)



Red (9%)

Yellow (1%)

Blue (4%)

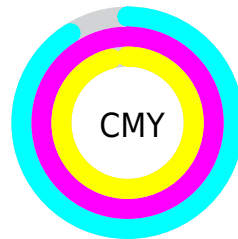


Cyan (0%)

Magenta (86%)

Yellow (59%)

Black (91%)



Cyan (91%)

Magenta (99%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160309 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 160309 by changing the saturation by 10% instead.

■ 160309

■ 160309

■ F7E5E9

■ 000000

■ 403236

■ 57484C

■ 6F6064

■ 89797D

■ A39397

■ BEADB2

■ DAC8CD

■ 160309

■ 160309

■ 160107

■ 16050B

■ 160007

■ 16070C

■ 160A0E

■ 160C0F

■ 160E11

■ 161012

■ 161214

■ 161515

■ 161717

Harmonies

Analogous

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



120410



160309



170300

Triad

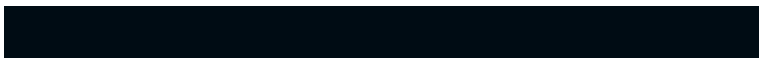
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160309



040B00



000C14

Complementary

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



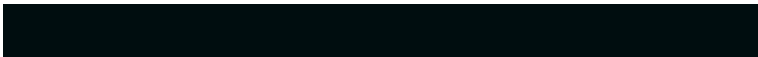
160309



031610

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.



000D0F



160309



000D00

Square

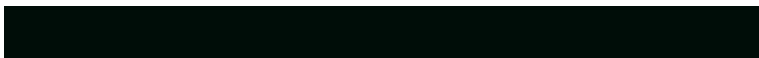
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160309



0D0800



000D08



000915

Rectangle

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



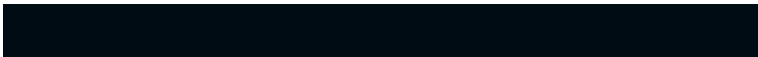
160309



150400



000D08



000C13

Sweetspot

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



160309



1C1517



100316



0F0B0C



8F8F8F



0F0F0F

Same Dimension

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



160309



1C0009



160603



0A090A



4A0017



C90040

Inverse Universe

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



160309



1C0009



031316



0A090A



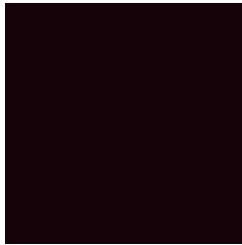
4A0017



C90040

Previews

White Background



This preview shows how the Hex color 160309 looks on a white background.

Color Contrast Check

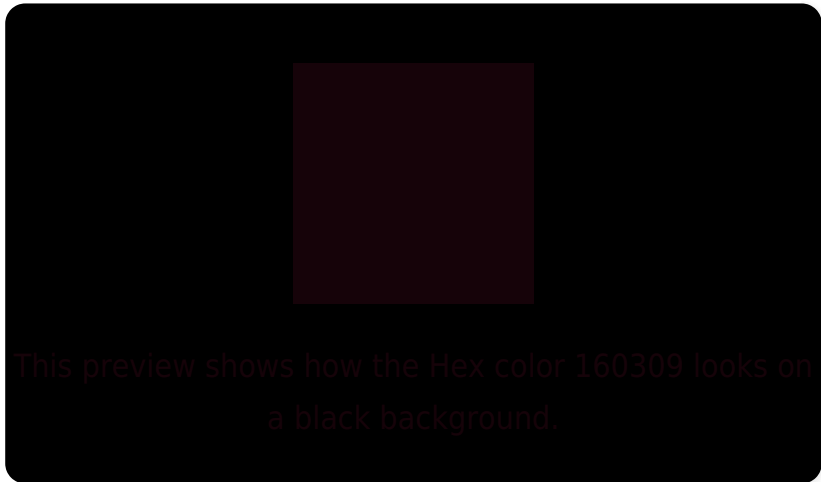
Large Text (above 18pt) WCAG AA ✓ Pass

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

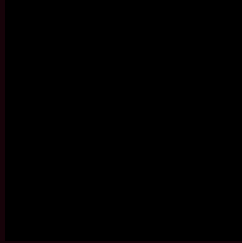
Any Text WCAG AA × Fail

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 160309 Background



This preview shows how black text looks on a background with the Hex color 160309.

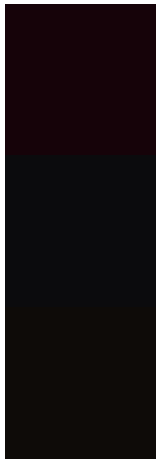


This preview shows how white text looks on a background with the Hex color 160309.

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
160309

Protanopia
0B0B0D

Deuteranopia
0E0B08



Tritanopia
160404

Trichromacy



Original Color
160309

Protanomaly
0F080C

Deuteranomaly
110808

Tritanomaly
160406

Monochromacy



Original Color
160309

Achromatopsia
090909

Achromatomaly
0E0709

CSS Examples

Text

The CSS property to change the color of the text to Hex 160309 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 #160309 looks like.

```
.text, #text, p{  
    color:#160309  
}
```

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 #160309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160309
}
```

Border

The CSS property to change the border of an element to Hex 160309 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
#160309 }
```

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

```
.border{ border-color:#160309 }
```

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

Here you see how a box with a 4 pixel #160309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160309; -webkit-box-shadow:4px 4px  
4px 4px #160309; box-shadow:4px 4px 4px  
4px #160309 }
```

Background

The CSS property to change the background color of an element to Hex 160309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160309 }
```

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

```
.background{ background-color:#160309 }
```

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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