

Converting Colors

Hex(0D160F)

Have a look what the booklet for
Hex(0D160F) contains.

Hex(0D160F)	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>	29

Color

Hex(0D160F)

Conversions

Conversions Part 1

Format	Color
Hex	0D160F
RGB	13, 22, 15
RGB Percent	5%, 9%, 6%
CMY	0.9490, 0.9137, 0.9412
CMYK	0.41, 0.00, 0.32, 0.91
HSL	133°, 26%, 7%
HSV	133°, 41%, 9%
XYZ	0.5391, 0.6939, 0.5575
YIQ	18.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

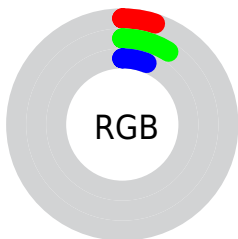
Format	Color
R_{YB}	13, 20, 22
Decimal	857615
CIE Lab	6.27, -4.93, 2.83
CIE LCh	6, 5.688, 150.126
Yxy	0.6939, 0.3011, 0.3875
Android (android.graphics.Color)	4279047695 (0xFF0D160F)
YUV	18.5110, -1.7309, -4.8331
Hunter-Lab	8.3299, -3.0248, 1.8631

Details

The Hex color **0D160F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160D14**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **38403A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B160D**, and if you desaturate by 10%, it is **0F1611**.

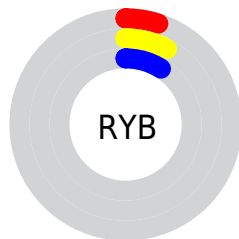
Distribution



Red (5%)

Green (9%)

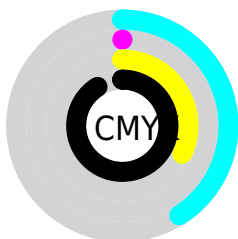
Blue (6%)



Red (5%)

Yellow (8%)

Blue (9%)

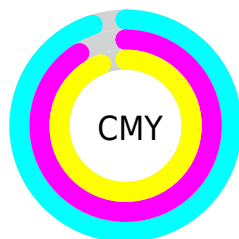


Cyan (41%)

Magenta (0%)

Yellow (32%)

Black (91%)



Cyan (95%)

Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D160F 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 0D160F by changing the saturation by 10% instead.

■ 0D160F

■ 0D160F

■ EDF7EF

■ 000000

■ 38403A

■ 4F5851

■ 677069

■ 808982

■ 9AA49C

■ B5BFB7

■ D0DBD2

■ 0D160F

■ 0D160F

■ 0B160D

■ 0F1611

■ 09160C

■ 111612

■ 06160A

■ 141614

■ 041608

■ 161616

■ 021606

■ 181618

■ 001605

■ 1A1619

■ 1C161B

■ 1F161D

■ 21161E

Harmonies

Analogous

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



13150B



0D160F



081614

Triad

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



0D160F



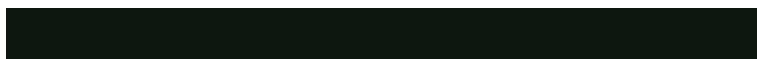
0F141B



1C110F

Complementary

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



0D160F



160D14

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.



1C1114



0D160F



15131B

Square

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



0D160F



0A151A



191218



1B120B

Rectangle

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



0D160F



071617



191218



1C1111

Sweetspot

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



0D160F



191C19



14160D



0D0F0E



8F8F8F



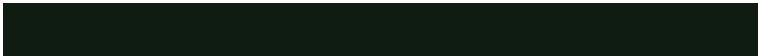
0F0F0F

Same Dimension

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



0D160F



0E1C11



0D1613



090A09



004A10



00C92D

Inverse Universe

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



160D14



1C0E19



160D10



0A090A



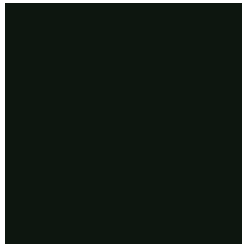
4A003A



C9009D

Previews

White Background



This preview shows how the Hex color 0D160F looks on a white background.

Color Contrast Check

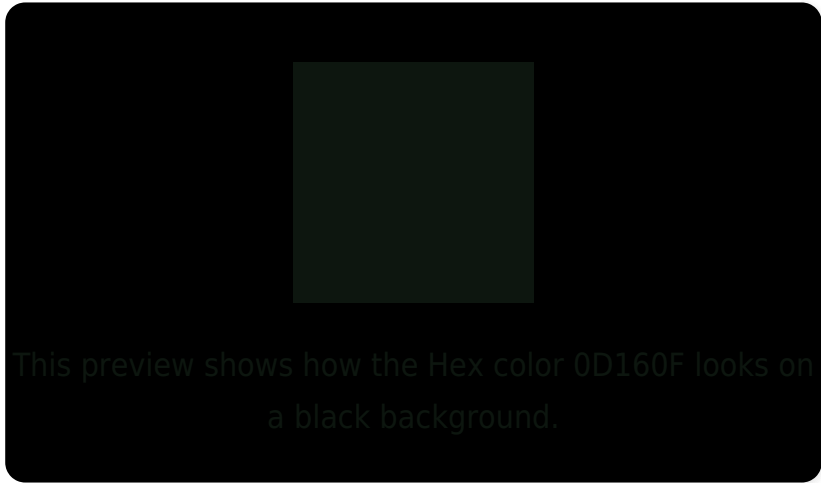
Large Text (above 18pt) WCAG AA ✓ Pass

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

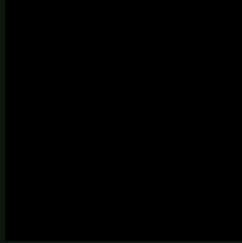
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

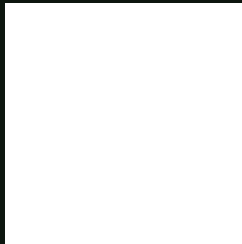
Any Text WCAG AAA × Fail

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

Hex 0D160F Background



This preview shows how black text looks on a background with the Hex color 0D160F.

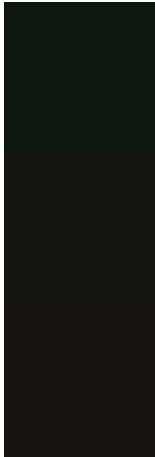


This preview shows how white text looks on a background with the Hex color 0D160F.

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
0D160F

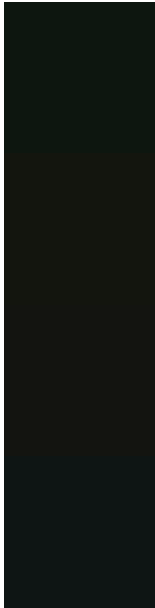
Protanopia
16140E

Deuteranopia
171310



Tritanopia
0F1517

Trichromacy



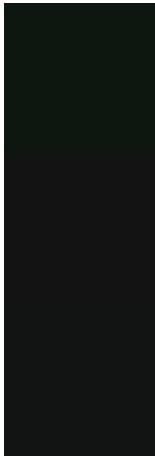
Original Color
0D160F

Protanomaly
13150E

Deuteranomaly
131410

Tritanomaly
0E1514

Monochromacy



Original Color
0D160F

Achromatopsia
131313

Achromatomaly
111412

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D160F 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 #0D160F looks like.

```
.text, #text, p{  
    color:#0D160F  
}
```

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 #0D160F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D160F
}
```

Border

The CSS property to change the border of an element to Hex 0D160F is called "border". The border property can be set on classes, ids or directly on the HTML element.

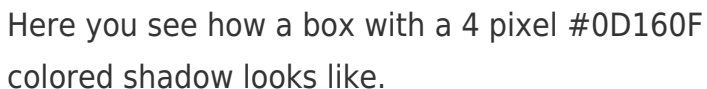
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D160F }
```

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

```
.border{ border-color:#0D160F }
```

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



Here you see how a box with a 4 pixel #0D160F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D160F; -webkit-box-shadow:4px 4px  
4px 4px #0D160F; box-shadow:4px 4px 4px  
4px #0D160F }
```

Background

The CSS property to change the background color of an element to Hex 0D160F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D160F }
```

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

```
.background{ background-color:#0D160F }
```

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