

Converting Colors

Hex(0F100A)

Have a look what the booklet for
Hex(0F100A) contains.

Hex(0F100A)	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(0F100A)

Conversions

Conversions Part 1

Format	Color
Hex	0F100A
RGB	15, 16, 10
RGB Percent	6%, 6%, 4%
CMY	0.9412, 0.9373, 0.9608
CMYK	0.06, 0.00, 0.38, 0.94
HSL	70°, 23%, 5%
HSV	70°, 38%, 6%
XYZ	0.4371, 0.4941, 0.3595
YIQ	15.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

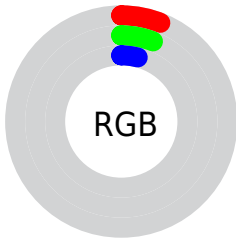
Format	Color
RYB	10, 16, 11
Decimal	987146
CIELab	4.46, -1.33, 2.55
CIELCh	4, 2.879, 117.549
Yxy	0.4941, 0.3387, 0.3828
Android (android.graphics.Color)	4279177226 (0xFF0F100A)
YUV	15.0170, -2.4734, -0.0149
Hunter-Lab	7.0289, -1.2009, 1.8879

Details

The Hex color **0F100A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B0A10**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3A3B36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F1008**, and if you desaturate by 10%, it is **0F100C**.

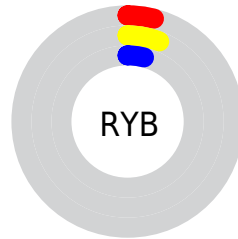
Distribution



Red (6%)

Green (6%)

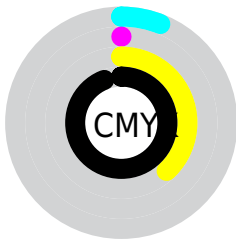
Blue (4%)



Red (4%)

Yellow (6%)

Blue (4%)

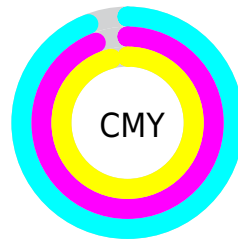


Cyan (6%)

Magenta (0%)

Yellow (38%)

Black (94%)



Cyan (94%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F100A 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 0F100A by changing the saturation by 10% instead.

■ 0F100A

■ 0F100A

■ EFF0EA

■ 000000

■ 3A3B36

■ 51524D

■ 696A65

■ 82837E

■ 9C9D98

■ B7B8B2

■ D2D3CE

■ 0F100A

■ 0F100A

■ 0F1008

■ 0F100C

■ 0E1007

■ 10100D

■ 0E1005

■ 10100F

■ 0E1004

■ 101010

■ 0E1002

■ 101012

■ 0D1000

■ 111014

■ 111015

■ 111017

■ 111018

Harmonies

Analogous

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



120F09



0F100A



0C110C

Triad

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



0F100A



091013



140E10

Complementary

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



0F100A



0B0A10

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.



130E12



0F100A



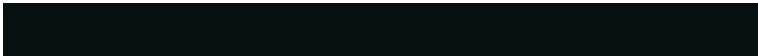
0C1014

Square

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



0F100A



081112



100F14



150E0D

Rectangle

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



0F100A



0A110E



100F14



140E11

Sweetspot

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



0F100A



141412



100B0A



0A0A09



8A8A8A



0A0A0A

Same Dimension

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



0F100A



13140B



0C100A



080807



3C4700



A6C700

Inverse Universe

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



0B0A10



0D0B14



0E0A10



070708



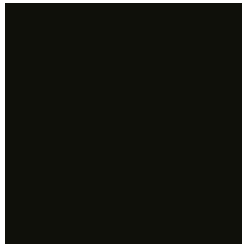
0C0047



2100C7

Previews

White Background



This preview shows how the Hex color 0F100A looks on a white background.

Color Contrast Check

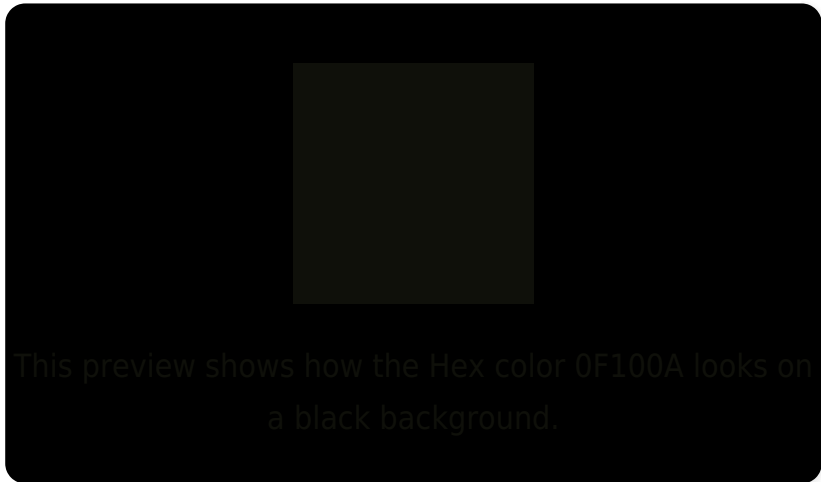
Large Text (above 18pt) WCAG AA ✓ Pass

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

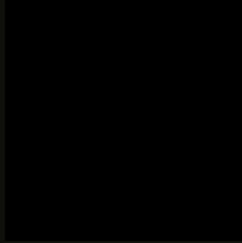
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

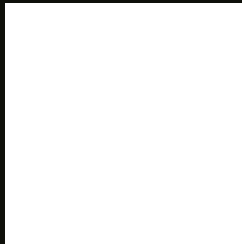
Any Text WCAG AAA × Fail

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

Hex 0F100A Background



This preview shows how black text looks on a background with the Hex color 0F100A.

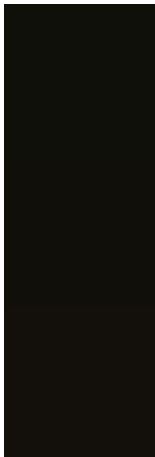


This preview shows how white text looks on a background with the Hex color 0F100A.

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
0F100A

Protanopia
110F0A

Deuteranopia
130F0A



Tritanopia
100F10

Trichromacy



Original Color

0F100A

Protanomaly

100F0A

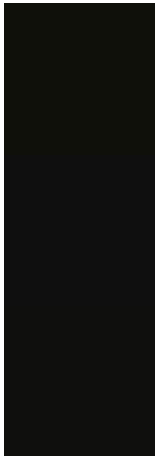
Deuteranomaly

120F0A

Tritanomaly

100F0E

Monochromacy



Original Color

0F100A

Achromatopsia

0F0F0F

Achromatomaly

0F0F0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F100A 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 #0F100A looks like.

```
.text, #text, p{  
    color:#0F100A  
}
```

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 #0F100A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F100A
}
```

Border

The CSS property to change the border of an element to Hex 0F100A 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
#0F100A }
```

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

```
.border{ border-color:#0F100A }
```

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

Here you see how a box with a 4 pixel #0F100A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F100A; -webkit-box-shadow:4px 4px  
4px 4px #0F100A; box-shadow:4px 4px 4px  
4px #0F100A }
```

Background

The CSS property to change the background color of an element to Hex 0F100A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F100A }
```

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

```
.background{ background-color:#0F100A }
```

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