

Converting Colors

Hex(00120A)

Have a look what the booklet for
Hex(00120A) contains.

Hex(00120A)	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(00120A)

Conversions

Conversions Part 1

Format	Color
Hex	00120A
RGB	0, 18, 10
RGB Percent	0%, 7%, 4%
CMY	1.0000, 0.9294, 0.9608
CMYK	1.00, 0.00, 0.44, 0.93
HSL	153°, 100%, 4%
HSV	153°, 100%, 7%
XYZ	0.2711, 0.4545, 0.3606
YIQ	11.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

Format	Color
RYB	0, 12, 18
Decimal	4618
CIELab	4.11, -6.59, 1.92
CIELCh	4, 6.866, 163.754
Yxy	0.4545, 0.2496, 0.4184
Android (android.graphics.Color)	4278194698 (0xFF00120A)
YUV	11.7060, -0.8411, -10.2662
Hunter-Lab	6.7419, -4.6207, 1.5480

Details

The Hex color **00120A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120008**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **303C36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00120A**, and if you desaturate by 10%, it is **02120B**.

Distribution



Red (0%)

Green (7%)

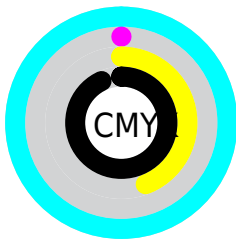
Blue (4%)



Red (0%)

Yellow (5%)

Blue (7%)

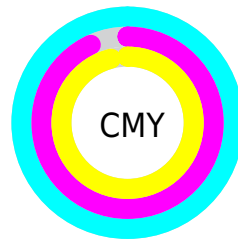


Cyan (100%)

Magenta (0%)

Yellow (44%)

Black (93%)



Cyan (100%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00120A 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 00120A by changing the saturation by 10% instead.

■ 00120A

■ 00120A

■ E2F2EA

■ 000000

■ 303C36

■ 46534D

■ 5E6B65

■ 77857E

■ 909F98

■ ABBAB2

■ C6D5CE

■ 00120A

■ 02120B

■ 04120C

■ 05120C

■ 07120D

■ 09120E

■ 0B120F

■ 0D1210

■ 0E1210

■ 101211

Harmonies

Analogous

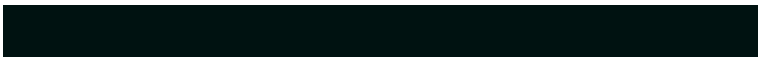
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



081103



00120A



001211

Triad

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



00120A



0C0E19



1A0B04

Complementary

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



00120A



120008

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.



1A0A0B



00120A



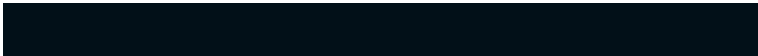
130C16

Square

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



00120A



021018



180A12



170D00

Rectangle

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



00120A



001215



180A12



1A0A06

Sweetspot

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



00120A



101714



081200



080D0B



8C8C8C



0D0D0D

Same Dimension

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



00120A



00170D



001112



090A0A



004A29



00C970

Inverse Universe

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



120008



17000A



120100



0A090A



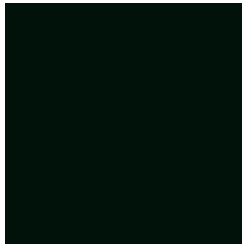
4A0021



C9005A

Previews

White Background



This preview shows how the Hex color 00120A looks on a white background.

Color Contrast Check

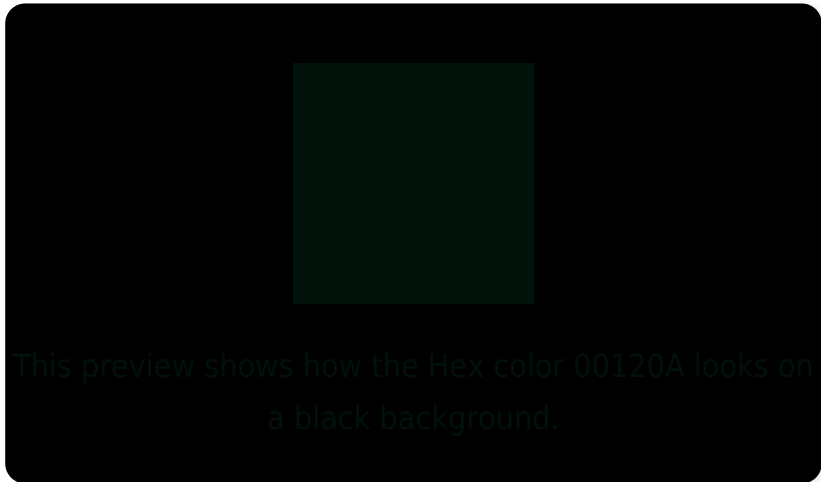
Large Text (above 18pt) WCAG AA ✓ Pass

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

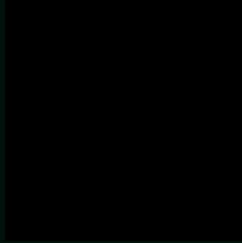
Any Text WCAG AA × Fail

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 00120A Background



This preview shows how black text looks on a background with the Hex color 00120A.

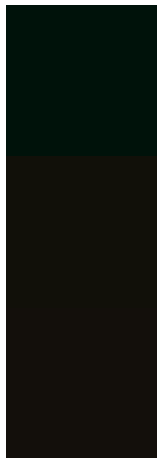


This preview shows how white text looks on a background with the Hex color 00120A.

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
00120A

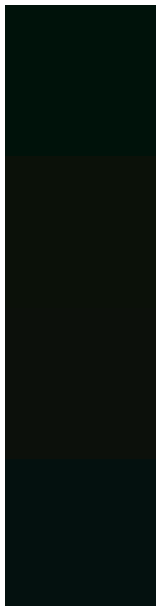
Protanopia
111009

Deuteranopia
130F0B



Tritanopia
071112

Trichromacy



Original Color

00120A

Protanomaly

0B1109

Deuteranomaly

0C100B

Tritanomaly

04110F

Monochromacy



Original Color

00120A

Achromatopsia

0C0C0C

Achromatomaly

080E0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00120A 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 #00120A looks like.

```
.text, #text, p{  
    color:#00120A  
}
```

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 #00120A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00120A
}
```

Border

The CSS property to change the border of an element to Hex 00120A 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
#00120A }
```

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

```
.border{ border-color:#00120A }
```

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

Here you see how a box with a 4 pixel #00120A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00120A; -webkit-box-shadow:4px 4px  
4px 4px #00120A; box-shadow:4px 4px 4px  
4px #00120A }
```

Background

The CSS property to change the background color of an element to Hex 00120A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00120A }
```

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

```
.background{ background-color:#00120A }
```

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