

Converting Colors

Hex(02110D)

Have a look what the booklet for
Hex(02110D) contains.

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Color

Hex(02110D)

Conversions

Conversions Part 1

Format	Color
Hex	02110D
RGB	2, 17, 13
RGB Percent	1%, 7%, 5%
CMY	0.9922, 0.9333, 0.9490
CMYK	0.88, 0.00, 0.24, 0.93
HSL	164°, 79%, 4%
HSV	164°, 88%, 7%
XYZ	0.2981, 0.4429, 0.4505
YIQ	12.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

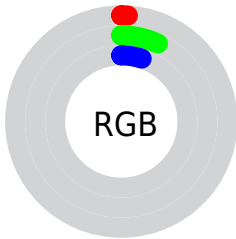
Format	Color
RYB	2, 11, 17
Decimal	135437
CIELab	4.00, -5.03, 0.45
CIELCh	4, 5.051, 174.855
Yxy	0.4429, 0.2502, 0.3717
Android (android.graphics.Color)	4278325517 (0xFF02110D)
YUV	12.0590, 0.4639, -8.8217
Hunter-Lab	6.6548, -3.6492, 0.6443

Details

The Hex color **02110D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **110206**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **313B38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00110D**, and if you desaturate by 10%, it is **04110D**.

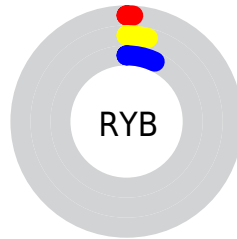
Distribution



Red (1%)

Green (7%)

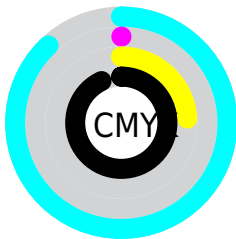
Blue (5%)



Red (1%)

Yellow (4%)

Blue (7%)

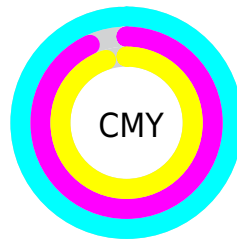


Cyan (88%)

Magenta (0%)

Yellow (24%)

Black (93%)



Cyan (99%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02110D 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 02110D by changing the saturation by 10% instead.

■ 02110D

■ 02110D

■ E4F1ED

■ 000000

■ 313B38

■ 47524F

■ 5F6B67

■ 788480

■ 929E9A

■ ACB9B5

■ C8D4D0

■ 02110D

■ 02110D

■ 00110D

■ 04110D

■ 00110C

■ 05110E

■ 07110E

■ 09110F

■ 0B110F

■ 0C1110

■ 0E1110

■ 101111

■ 111111

Harmonies

Analogous

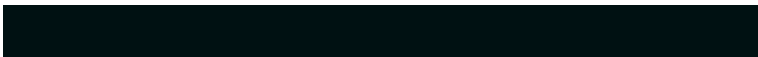
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



071007



02110D



001112

Triad

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



02110D



0E0D16



160C05

Complementary

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



02110D



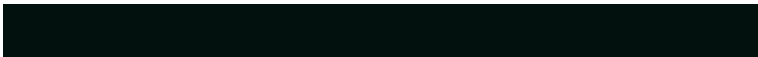
110206

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.



170B0A



02110D



130C13

Square

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



02110D



080F16



160B0F



130D02

Rectangle

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



02110D



011014



160B0F



170B06

Sweetspot

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



02110D



111715



061102



090D0C



8C8C8C



0D0D0D

Same Dimension

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



02110D



001711



020E11



070807



004734



00C792

Inverse Universe

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



110206



170006



110602



080707



470013



C70035

Previews

White Background



This preview shows how the Hex color 02110D looks on a white background.

Color Contrast Check

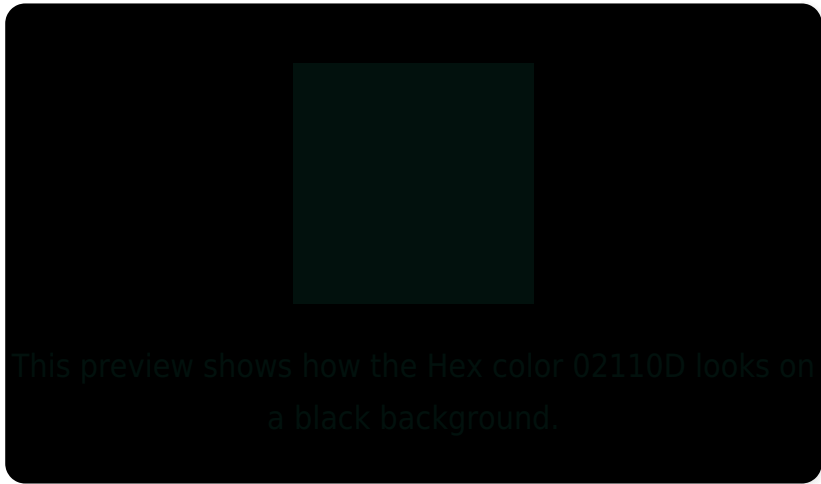
Large Text (above 18pt) WCAG AA ✓ Pass

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

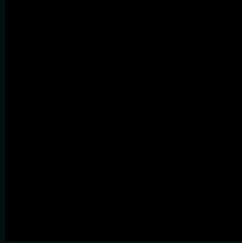
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

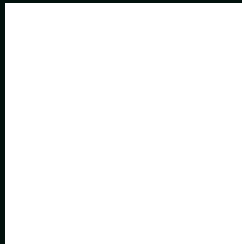
Any Text WCAG AAA × Fail

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

Hex 02110D Background



This preview shows how black text looks on a background with the Hex color 02110D.



This preview shows how white text looks on a background with the Hex color 02110D.

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
02110D

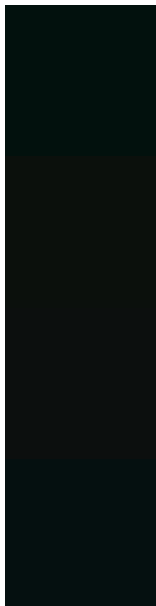
Protanopia
100F0C

Deuteranopia
110E0E



Tritanopia
061012

Trichromacy



Original Color

02110D

Protanomaly

0B100C

Deuteranomaly

0C0F0E

Tritanomaly

051010

Monochromacy



Original Color

02110D

Achromatopsia

0C0C0C

Achromatomaly

080E0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 02110D 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 #02110D looks like.

```
.text, #text, p{  
    color:#02110D  
}
```

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 #02110D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02110D
}
```

Border

The CSS property to change the border of an element to Hex 02110D is called "border". The border property can be set on classes, ids or directly on the HTML element.

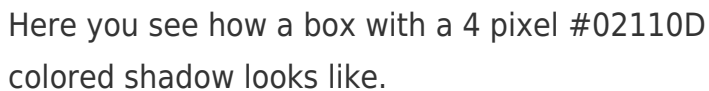
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02110D }
```

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

```
.border{ border-color:#02110D }
```

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



Here you see how a box with a 4 pixel #02110D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02110D; -webkit-box-shadow:4px 4px  
4px 4px #02110D; box-shadow:4px 4px 4px  
4px #02110D }
```

Background

The CSS property to change the background color of an element to Hex 02110D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02110D }
```

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

```
.background{ background-color:#02110D }
```

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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