

Converting Colors

Hex(0A1706)

Have a look what the booklet for
Hex(0A1706) contains.

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Color

Hex(0A1706)

Conversions

Conversions Part 1

Format	Color
Hex	0A1706
RGB	10, 23, 6
RGB Percent	4%, 9%, 2%
CMY	0.9608, 0.9098, 0.9765
CMYK	0.57, 0.00, 0.74, 0.91
HSL	106°, 59%, 6%
HSV	106°, 74%, 9%
XYZ	0.4644, 0.6905, 0.2811
YIQ	17.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

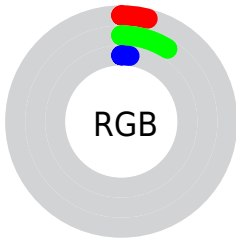
Format	Color
RYB	6, 23, 19
Decimal	661254
CIELab	6.24, -7.86, 6.73
CIELCh	6, 10.348, 139.410
Yxy	0.6905, 0.3234, 0.4808
Android (android.graphics.Color)	4278851334 (0xFF0A1706)
YUV	17.1750, -5.5093, -6.2925
Hunter-Lab	8.3095, -4.5646, 3.8110

Details

The Hex color **0A1706** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **130617**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **364134**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **081704**, and if you desaturate by 10%, it is **0C1708**.

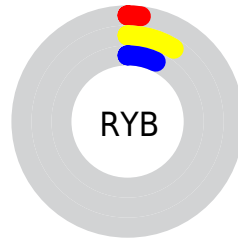
Distribution



Red (4%)

Green (9%)

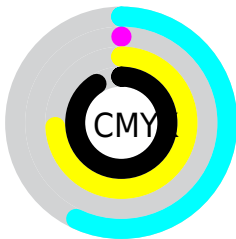
Blue (2%)



Red (2%)

Yellow (9%)

Blue (7%)

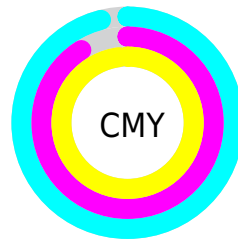


Cyan (57%)

Magenta (0%)

Yellow (74%)

Black (91%)



Cyan (96%)

Magenta (91%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A1706 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 0A1706 by changing the saturation by 10% instead.

■ 0A1706

■ 0A1706

■ EAF8E7

■ 000000

■ 364134

■ 4C594A

■ 647162

■ 7D8B7B

■ 97A595

■ B2C0AF

■ CEDCCB

■ 0A1706

■ 0A1706

■ 081704

■ 0C1708

■ 061701

■ 0E170B

■ 051700

■ 0F170D

■ 11170F

■ 131712

■ 151714

■ 161716

■ 181718

■ 1A171B

Harmonies

Analogous

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



151500



0A1706



001810

Triad

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



0A1706



051521



220E0E

Complementary

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



0A1706



130617

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.



200E17



0A1706



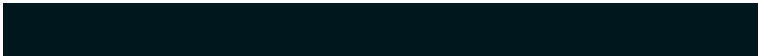
111321

Square

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



0A1706



00171E



1B101D



211004

Rectangle

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



0A1706



001816



1B101D



220E11

Sweetspot

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



0A1706



191F18



171306



0C0F0B



8F8F8F



0F0F0F

Same Dimension

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



0A1706



0A1F03



06170A



0C0D0B



124D00



30CC00

Inverse Universe

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



130617



18031F



170613



0C0B0D



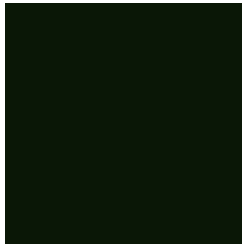
3A004D



9C00CC

Previews

White Background



This preview shows how the Hex color 0A1706 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

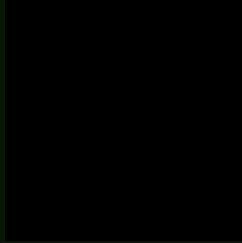
Any Text WCAG AA × Fail

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 0A1706 Background



This preview shows how black text looks on a background with the Hex color 0A1706.

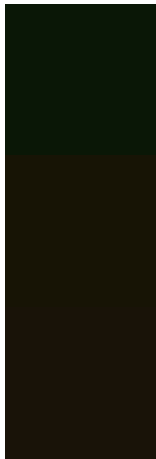


This preview shows how white text looks on a background with the Hex color 0A1706.

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](#).

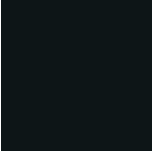
Dichromacy



Original Color
0A1706

Protanopia
171405

Deuteranopia
191308



Tritanopia
0D1517

Trichromacy



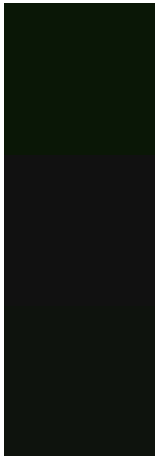
Original Color
0A1706

Protanomaly
121505

Deuteranomaly
141407

Tritanomaly
0C1611

Monochromacy



Original Color
0A1706

Achromatopsia
111111

Achromatomaly
0E130D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A1706 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 #0A1706 looks like.

```
.text, #text, p{  
    color:#0A1706  
}
```

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 #0A1706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A1706
}
```

Border

The CSS property to change the border of an element to Hex 0A1706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

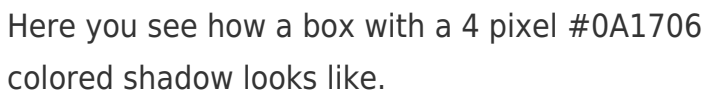
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A1706 }
```

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

```
.border{ border-color:#0A1706 }
```

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



Here you see how a box with a 4 pixel #0A1706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A1706; -webkit-box-shadow:4px 4px  
4px 4px #0A1706; box-shadow:4px 4px 4px  
4px #0A1706 }
```

Background

The CSS property to change the background color of an element to Hex 0A1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A1706 }
```

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

```
.background{ background-color:#0A1706 }
```

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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