

Converting Colors

Hex(081712)

Have a look what the booklet for
Hex(081712) contains.

Hex(081712)	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(081712)

Conversions

Conversions Part 1

Format	Color
Hex	081712
RGB	8, 23, 18
RGB Percent	3%, 9%, 7%
CMY	0.9686, 0.9098, 0.9294
CMYK	0.65, 0.00, 0.22, 0.91
HSL	160°, 48%, 6%
HSV	160°, 65%, 9%
XYZ	0.5157, 0.7081, 0.6818
YIQ	17.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

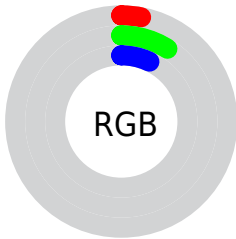
Format	Color
RYB	8, 17, 23
Decimal	530194
CIELab	6.40, -6.44, 1.28
CIELCh	6, 6.569, 168.797
Yxy	0.7081, 0.2706, 0.3716
Android (android.graphics.Color)	4278720274 (0xFF081712)
YUV	17.9450, 0.0271, -8.7218
Hunter-Lab	8.4148, -3.7862, 1.0867

Details

The Hex color **081712** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17080D**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **34413C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **061711**, and if you desaturate by 10%, it is **0A1713**.

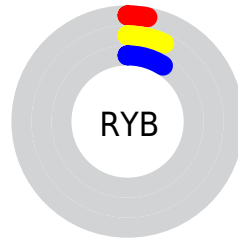
Distribution



Red (3%)

Green (9%)

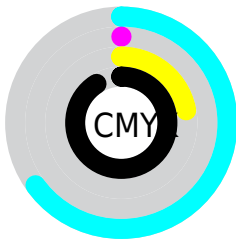
Blue (7%)



Red (3%)

Yellow (7%)

Blue (9%)

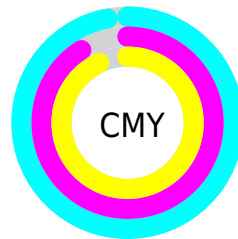


Cyan (65%)

Magenta (0%)

Yellow (22%)

Black (91%)



Cyan (97%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081712 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 081712 by changing the saturation by 10% instead.

■ 081712

■ 081712

■ E8F8F2

■ 000000

■ 34413C

■ 4B5953

■ 63716C

■ 7C8B85

■ 96A59F

■ B1C0BA

■ CCDCD6

■ 081712

■ 081712

■ 061711

■ 0A1713

■ 031710

■ 0D1714

■ 011710

■ 0F1714

■ 00170F

■ 111715

■ 131716

■ 161717

■ 181717

■ 1A1718

■ 1D1719

Harmonies

Analogous

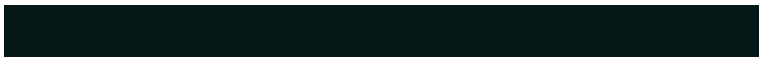
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0F160C



081712



051717

Triad

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



081712



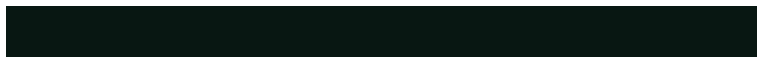
13141C



1D120B

Complementary

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



081712



17080D

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.



1E1111



081712



19121A

Square

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



081712



0C151D



1C1116



1A1308

Rectangle

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



081712



05171A



1C1116



1D110D

Sweetspot

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



081712



181F1D



0D1708



0C0F0E



8F8F8F



0F0F0F

Same Dimension

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



081712



071F17



081417



0B0D0C



004D33



00CC88

Inverse Universe

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



17080D



1F070F



170A08



0D0B0C



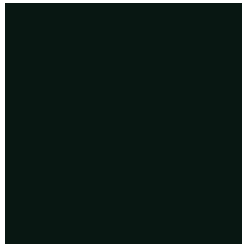
4D001A



CC0044

Previews

White Background



This preview shows how the Hex color 081712 looks on a white background.

Color Contrast Check

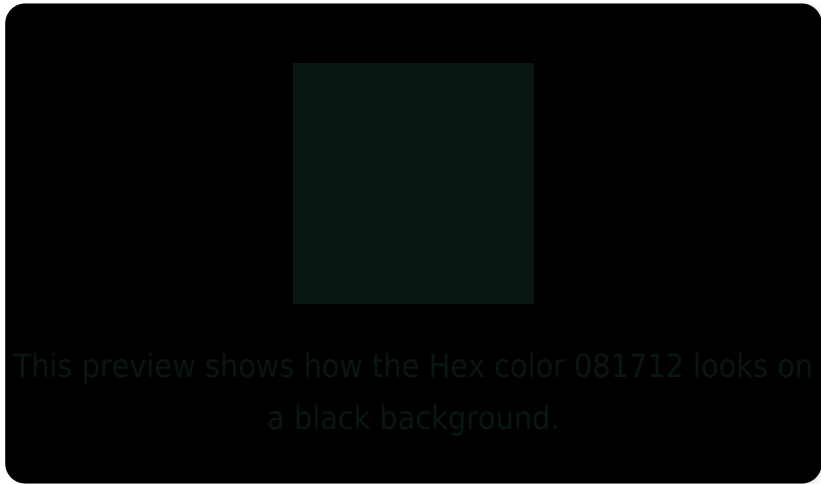
Large Text (above 18pt) WCAG AA ✓ Pass

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

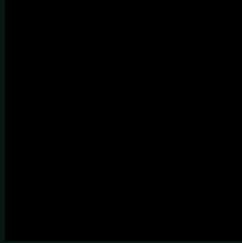
Any Text WCAG AA × Fail

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 081712 Background



This preview shows how black text looks on a background with the Hex color 081712.



This preview shows how white text looks on a background with the Hex color 081712.

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
081712

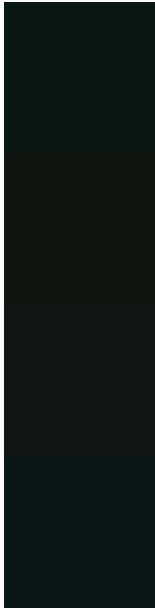
Protanopia
161411

Deuteranopia
171413



Tritanopia
0A1618

Trichromacy



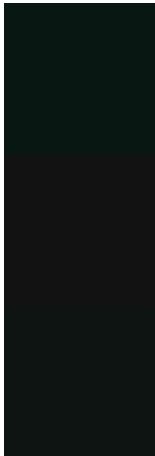
Original Color
081712

Protanomaly
111511

Deuteranomaly
121513

Tritanomaly
091616

Monochromacy



Original Color
081712

Achromatopsia
121212

Achromatomaly
0E1412

CSS Examples

Text

The CSS property to change the color of the text to Hex 081712 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 #081712 looks like.

```
.text, #text, p{  
    color:#081712  
}
```

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 #081712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081712
}
```

Border

The CSS property to change the border of an element to Hex 081712 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
#081712 }
```

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

```
.border{ border-color:#081712 }
```

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

Here you see how a box with a 4 pixel #081712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081712; -webkit-box-shadow:4px 4px  
4px 4px #081712; box-shadow:4px 4px 4px  
4px #081712 }
```

Background

The CSS property to change the background color of an element to Hex 081712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081712 }
```

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

```
.background{ background-color:#081712 }
```

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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