

Converting Colors

Hex(02080F)

Have a look what the booklet for
Hex(02080F) contains.

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Color

Hex(02080F)

Conversions

Conversions Part 1

Format	Color
Hex	02080F
RGB	2, 8, 15
RGB Percent	1%, 3%, 6%
CMY	0.9922, 0.9686, 0.9412
CMYK	0.87, 0.47, 0.00, 0.94
HSL	212°, 76%, 3%
HSV	212°, 87%, 6%
XYZ	0.1981, 0.2211, 0.4842
YIQ	7.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

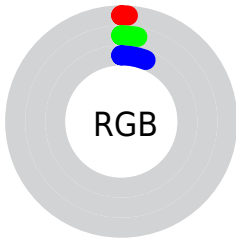
Format	Color
RYB	2, 6, 15
Decimal	133135
CIELab	2.00, -0.49, -3.48
CIElCh	2, 3.517, 261.952
Yxy	0.2211, 0.2193, 0.2447
Android (android.graphics.Color)	4278323215 (0xFF02080F)
YUV	7.0040, 3.9420, -4.3885
Hunter-Lab	4.7017, -0.7075, -2.8143

Details

The Hex color **02080F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F0902**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **31353A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00070F**, and if you desaturate by 10%, it is **03090F**.

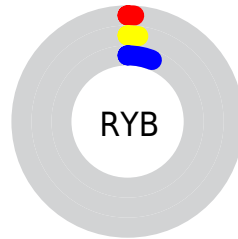
Distribution



Red (1%)

Green (3%)

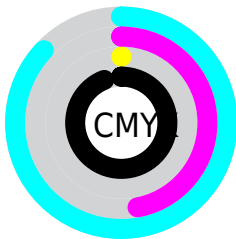
Blue (6%)



Red (1%)

Yellow (2%)

Blue (6%)

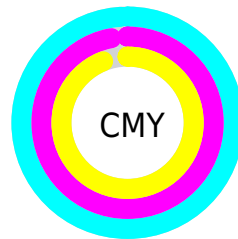


Cyan (87%)

Magenta (47%)

Yellow (0%)

Black (94%)



Cyan (99%)

Magenta (97%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02080F 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 02080F by changing the saturation by 10% instead.

■ 02080F

■ 02080F

■ E4E9EF

■ 000000

■ 31353A

■ 484C51

■ 5F6469

■ 787C82

■ 92969C

■ ACB1B7

■ C8CCD2

■ 02080F

■ 02080F

■ 00070F

■ 03090F

■ 050A0F

■ 060A0F

■ 080B0F

■ 090C0F

■ 0B0D0F

■ 0C0E0F

■ 0E0E0F

■ 0F0F0F

Harmonies

Analogous

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



00090E



02080F



07070F

Triad

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



02080F



100504



030902

Complementary

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



02080F



0F0902

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.



080800



02080F



0F0501

Square

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



02080F



0F0509



0C0700



000A06

Rectangle

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



02080F



0A060D



0C0700



040901

Sweetspot

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



02080F



0F1214



020F09



07080A



8A8A8A



0A0A0A

Same Dimension

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



02080F



000914



02020F



070708



002147



005CC7

Inverse Universe

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



0F0208



140009



0F0F02



080707



470021



C7005C

Previews

White Background



This preview shows how the Hex color 02080F looks on a white background.

Color Contrast Check

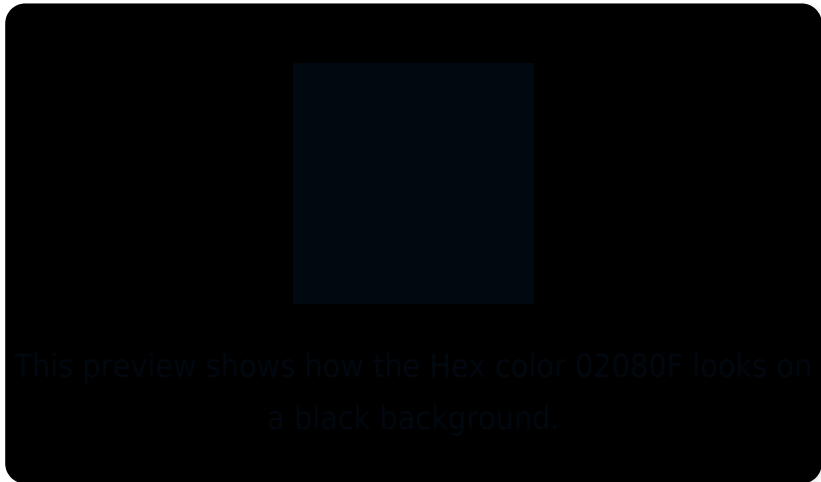
Large Text (above 18pt) WCAG AA ✓ Pass

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

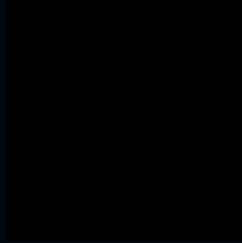
Any Text WCAG AA × Fail

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 02080F Background



This preview shows how black text looks on a background with the Hex color 02080F.



This preview shows how white text looks on a background with the Hex color 02080F.

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
02080F

Protanopia
04080F

Deuteranopia
00080E



Tritanopia
00090A

Trichromacy



Original Color
02080F

Protanomaly
03080F

Deuteranomaly
01080E

Tritanomaly
01090C

Monochromacy



Original Color
02080F

Achromatopsia
070707

Achromatomaly
05070A

CSS Examples

Text

The CSS property to change the color of the text to Hex 02080F 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 #02080F looks like.

```
.text, #text, p{  
    color:#02080F  
}
```

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 #02080F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02080F
}
```

Border

The CSS property to change the border of an element to Hex 02080F is called "border". The border property can be set on classes, ids or directly on the HTML element.

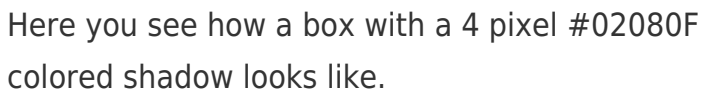
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02080F }
```

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

```
.border{ border-color:#02080F }
```

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



Here you see how a box with a 4 pixel #02080F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02080F; -webkit-box-shadow:4px 4px  
4px 4px #02080F; box-shadow:4px 4px 4px  
4px #02080F }
```

Background

The CSS property to change the background color of an element to Hex 02080F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02080F }
```

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

```
.background{ background-color:#02080F }
```

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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