

Converting Colors

Hex(050F12)

Have a look what the booklet for
Hex(050F12) contains.

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Color

Hex(050F12)

Conversions

Conversions Part 1

Format	Color
Hex	050F12
RGB	5, 15, 18
RGB Percent	2%, 6%, 7%
CMY	0.9804, 0.9412, 0.9294
CMYK	0.72, 0.17, 0.00, 0.93
HSL	194°, 57%, 5%
HSV	194°, 72%, 7%
XYZ	0.3426, 0.4176, 0.6348
YIQ	12.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

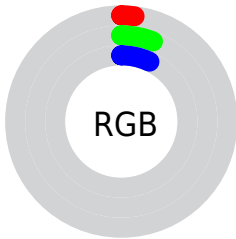
Format	Color
RYB	5, 11, 18
Decimal	331538
CIELab	3.77, -2.22, -2.58
CIELCh	4, 3.404, 229.190
Yxy	0.4176, 0.2456, 0.2993
Android (android.graphics.Color)	4278521618 (0xFF050F12)
YUV	12.3520, 2.7845, -6.4477
Hunter-Lab	6.4621, -1.8453, -1.3010

Details

The Hex color **050F12** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120805**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **333A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030F12**, and if you desaturate by 10%, it is **070F12**.

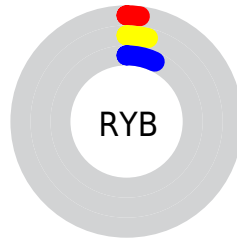
Distribution



Red (2%)

Green (6%)

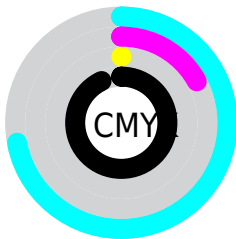
Blue (7%)



Red (2%)

Yellow (4%)

Blue (7%)

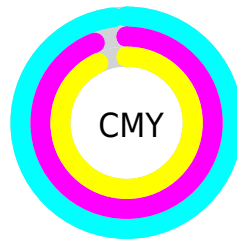


Cyan (72%)

Magenta (17%)

Yellow (0%)

Black (93%)



Cyan (98%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050F12 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 050F12 by changing the saturation by 10% instead.

■ 050F12

■ 050F12

■ E6EFF2

■ 000000

■ 333A3C

■ 495153

■ 61696C

■ 7A8285

■ 949C9F

■ AFB7BA

■ CAD2D6

■ 050F12

■ 050F12

■ 030F12

■ 070F12

■ 010E12

■ 091012

■ 000E12

■ 0A1012

■ 0C1112

■ 0E1112

■ 101112

■ 121212

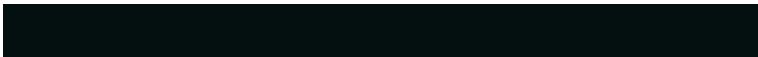
■ 131212

■ 151312

Harmonies

Analogous

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



040F0F



050F12



080E13

Triad

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



050F12



130B0F



0E0E06

Complementary

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



050F12



120805

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.



120D06



050F12



140B0B

Square

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



050F12



110C12



140C08



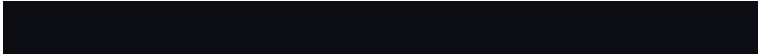
0A0F08

Rectangle

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



050F12



0B0D13



140C08



0F0E06

Sweetspot

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



050F12



121617



051208



090C0D



8C8C8C



0D0D0D

Same Dimension

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



050F12



031217



050912



090A0A



00394A



009BC9

Inverse Universe

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



12050F



170312



120E05



0A090A



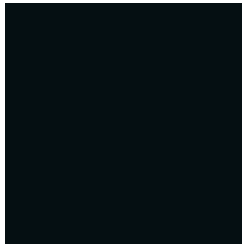
4A0039



C9009B

Previews

White Background



This preview shows how the Hex color 050F12 looks on a white background.

Color Contrast Check

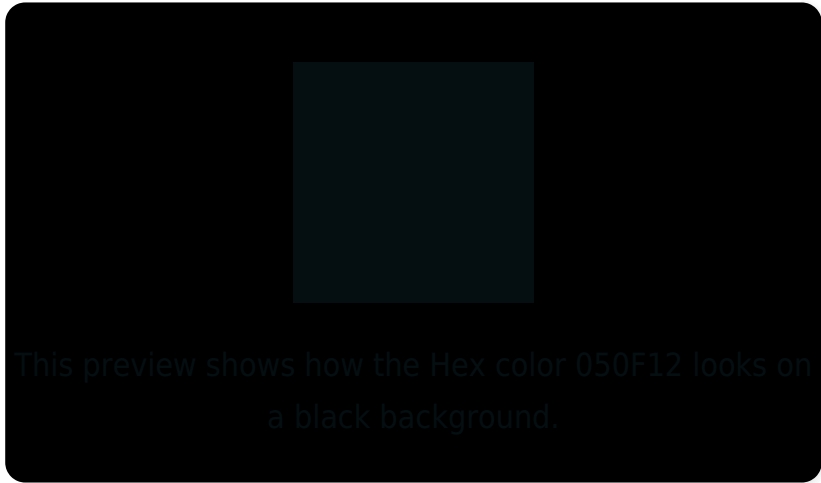
Large Text (above 18pt) WCAG AA ✓ Pass

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

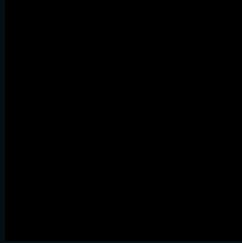
Any Text WCAG AA × Fail

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 050F12 Background



This preview shows how black text looks on a background with the Hex color 050F12.



This preview shows how white text looks on a background with the Hex color 050F12.

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](#).

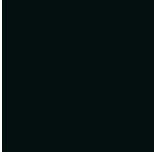
Dichromacy



Original Color
050F12

Protanopia
0D0E11

Deuteranopia
0D0E12



Tritanopia
040F10

Trichromacy



Original Color

050F12

Protanomaly

0A0E11

Deuteranomaly

0A0E12

Tritanomaly

040F11

Monochromacy



Original Color

050F12

Achromatopsia

0C0C0C

Achromatomaly

090D0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 050F12 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 #050F12 looks like.

```
.text, #text, p{  
    color:#050F12  
}
```

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 #050F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050F12
}
```

Border

The CSS property to change the border of an element to Hex 050F12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

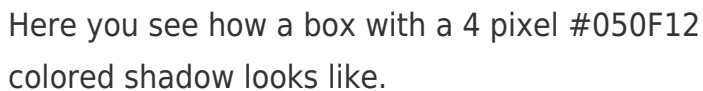
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#050F12 }
```

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

```
.border{ border-color:#050F12 }
```

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



Here you see how a box with a 4 pixel #050F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050F12; -webkit-box-shadow:4px 4px  
4px 4px #050F12; box-shadow:4px 4px 4px  
4px #050F12 }
```

Background

The CSS property to change the background color of an element to Hex 050F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050F12 }
```

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

```
.background{ background-color:#050F12 }
```

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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