

Converting Colors

Hex(050D12)

Have a look what the booklet for
Hex(050D12) contains.

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Color

Hex(050D12)

Conversions

Conversions Part 1

Format	Color
Hex	050D12
RGB	5, 13, 18
RGB Percent	2%, 5%, 7%
CMY	0.9804, 0.9490, 0.9294
CMYK	0.72, 0.28, 0.00, 0.93
HSL	203°, 57%, 5%
HSV	203°, 72%, 7%
XYZ	0.3157, 0.3638, 0.6258
YIQ	11.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

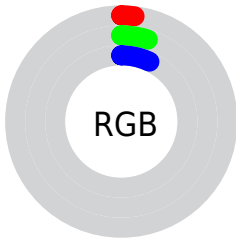
Format	Color
RYB	5, 10, 18
Decimal	331026
CIELab	3.29, -1.23, -3.29
CIElCh	3, 3.509, 249.449
Yxy	0.3638, 0.2419, 0.2787
Android (android.graphics.Color)	4278521106 (0xFF050D12)
YUV	11.1780, 3.3632, -5.4181
Hunter-Lab	6.0315, -1.2122, -1.9301

Details

The Hex color **050D12** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120A05**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **33383C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030C12**, and if you desaturate by 10%, it is **070E12**.

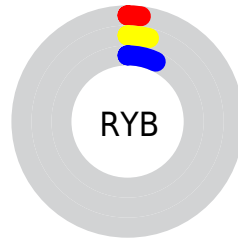
Distribution



Red (2%)

Green (5%)

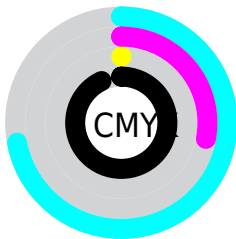
Blue (7%)



Red (2%)

Yellow (4%)

Blue (7%)

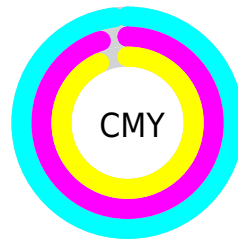


Cyan (72%)

Magenta (28%)

Yellow (0%)

Black (93%)



Cyan (98%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050D12 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 050D12 by changing the saturation by 10% instead.

■ 050D12

■ 050D12

■ E6EDF2

■ 000000

■ 33383C

■ 4A4F53

■ 61676C

■ 7A8085

■ 949A9F

■ AFB5BA

■ CAD0D6

■ 050D12

■ 050D12

■ 030C12

■ 070E12

■ 010C12

■ 090E12

■ 000B12

■ 0A0F12

■ 0C1012

■ 0E1012

■ 101112

■ 121212

■ 131312

■ 151312

Harmonies

Analogous

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



020E10



050D12



0A0C12

Triad

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



050D12



13090B



090D05

Complementary

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



050D12



120A05

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.



0E0C04



050D12



130A07

Square

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



050D12



110A0F



110B04



050E09

Rectangle

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



050D12



0D0B12



110B04



0B0D04

Sweetspot

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



050D12



121517



05120A



090B0D



8C8C8C



0D0D0D

Same Dimension

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



050D12



030F17



050712



090A0A



002E4A



007CC9

Inverse Universe

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



12050D



17030F



121005



0A090A



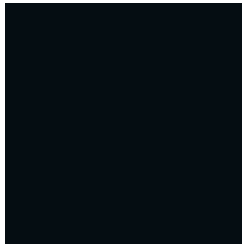
4A002E



C9007C

Previews

White Background



This preview shows how the Hex color 050D12 looks on a white background.

Color Contrast Check

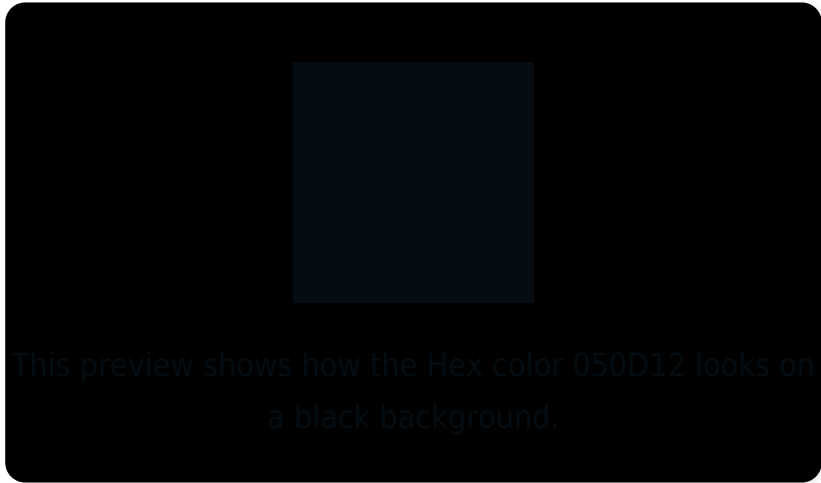
Large Text (above 18pt) WCAG AA ✓ Pass

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

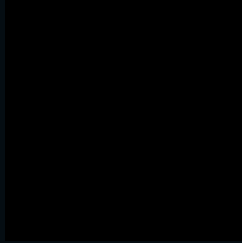
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

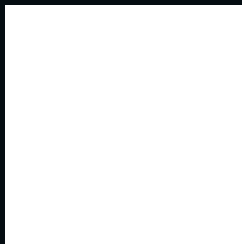
Any Text WCAG AAA × Fail

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

Hex 050D12 Background



This preview shows how black text looks on a background with the Hex color 050D12.



This preview shows how white text looks on a background with the Hex color 050D12.

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
050D12

Protanopia
0B0C11

Deuteranopia
0A0C12



Tritanopia
020E0F

Trichromacy



Original Color
050D12

Protanomaly
090C11

Deuteranomaly
080C12

Tritanomaly
030E10

Monochromacy



Original Color
050D12

Achromatopsia
0B0B0B

Achromatomaly
090C0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 050D12 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 #050D12 looks like.

```
.text, #text, p{  
    color:#050D12  
}
```

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 #050D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050D12
}
```

Border

The CSS property to change the border of an element to Hex 050D12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

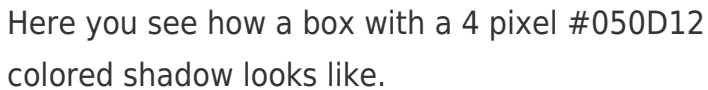
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#050D12 }
```

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

```
.border{ border-color:#050D12 }
```

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



Here you see how a box with a 4 pixel #050D12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050D12; -webkit-box-shadow:4px 4px  
4px 4px #050D12; box-shadow:4px 4px 4px  
4px #050D12 }
```

Background

The CSS property to change the background color of an element to Hex 050D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050D12 }
```

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

```
.background{ background-color:#050D12 }
```

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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