

Converting Colors

Hex(050A0A)

Have a look what the booklet for
Hex(050A0A) contains.

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Color

Hex(050A0A)

Conversions

Conversions Part 1

Format	Color
Hex	050A0A
RGB	5, 10, 10
RGB Percent	2%, 4%, 4%
CMY	0.9804, 0.9608, 0.9608
CMYK	0.50, 0.00, 0.00, 0.96
HSL	180°, 33%, 3%
HSV	180°, 50%, 4%
XYZ	0.2259, 0.2713, 0.3276
YIQ	8.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

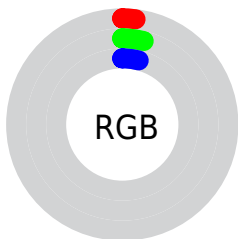
Format	Color
RYB	5, 8, 10
Decimal	330250
CIELab	2.45, -1.31, -0.46
CIElCh	2, 1.386, 199.439
Yxy	0.2713, 0.2739, 0.3289
Android (android.graphics.Color)	4278520330 (0xFF050A0A)
YUV	8.5050, 0.7370, -3.0739
Hunter-Lab	5.2083, -1.3719, -0.0837

Details

The Hex color **050A0A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0505**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **333636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **040A0A**, and if you desaturate by 10%, it is **060A0A**.

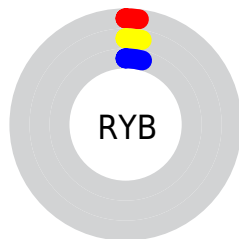
Distribution



Red (2%)

Green (4%)

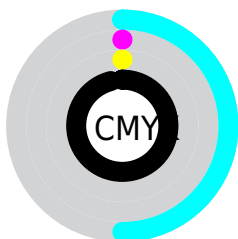
Blue (4%)



Red (2%)

Yellow (3%)

Blue (4%)

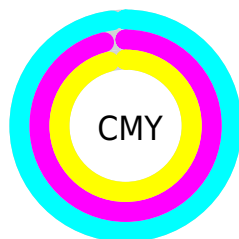


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (96%)



Cyan (98%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050A0A 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 050A0A by changing the saturation by 10% instead.

■ 050A0A

■ 050A0A

■ E6EAEA

■ 000000

■ 333636

■ 4A4D4D

■ 626565

■ 7A7E7E

■ 949898

■ AFB2B2

■ CACECE

■ 050A0A

■ 050A0A

■ 040A0A

■ 060A0A

■ 030A0A

■ 070A0A

■ 020A0A

■ 080A0A

■ 010A0A

■ 090A0A

■ 000A0A

■ 0A0A0A

■ 0B0A0A

■ 0C0A0A

■ 0D0A0A

■ 0E0A0A

Harmonies

Analogous

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



060A08



050A0A



050A0B

Triad

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



050A0A



0B080B



0B0906

Complementary

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



050A0A



0A0505

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.



0C0806



050A0A



0C080A

Square

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



050A0A



09090C



0D0808



090906

Rectangle

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



050A0A



06090C



0D0808



0C0806

Sweetspot

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



050A0A



0B0D0D



050A05



060808



878787



080808

Same Dimension

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



050A0A



050D0D



05080A



050505



004545



00C4C4

Inverse Universe

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



0A050A



0D050D



0A0805



050505



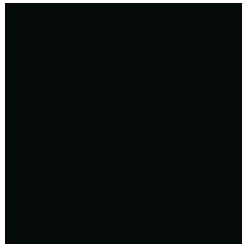
450045



C400C4

Previews

White Background



This preview shows how the Hex color 050A0A looks on a white background.

Color Contrast Check

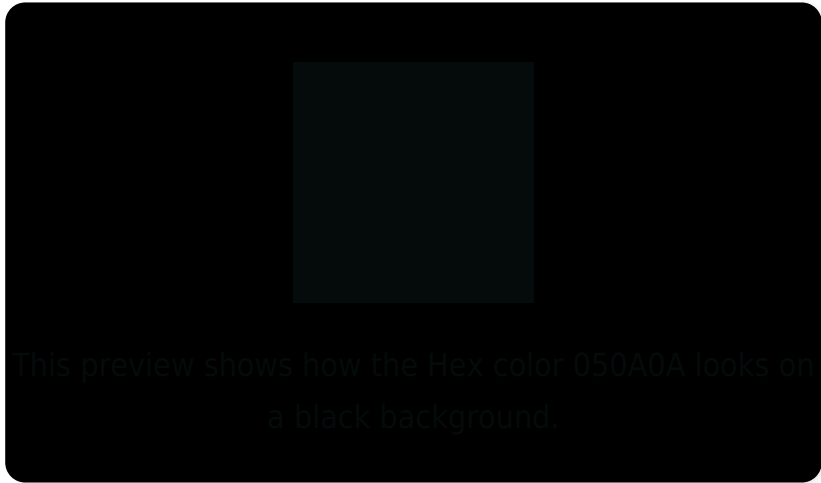
Large Text (above 18pt) WCAG AA ✓ Pass

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

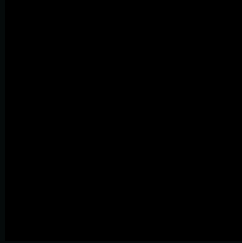
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

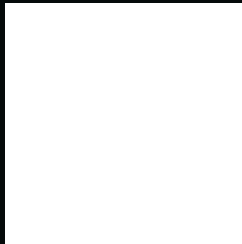
Any Text WCAG AAA × Fail

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

Hex 050A0A Background



This preview shows how black text looks on a background with the Hex color 050A0A.

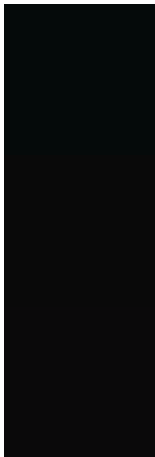


This preview shows how white text looks on a background with the Hex color 050A0A.

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](#).

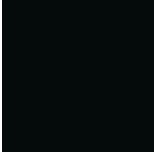
Dichromacy



Original Color
050A0A

Protanopia
090909

Deuteranopia
0A090A



Tritanopia
050A0B

Trichromacy



Original Color

050A0A

Protanomaly

080909

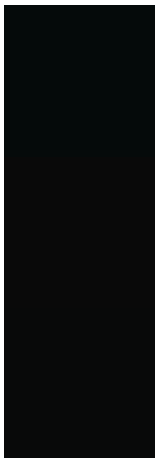
Deuteranomaly

08090A

Tritanomaly

050A0B

Monochromacy



Original Color

050A0A

Achromatopsia

090909

Achromatomaly

080909

CSS Examples

Text

The CSS property to change the color of the text to Hex 050A0A 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 #050A0A looks like.

```
.text, #text, p{  
    color:#050A0A  
}
```

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 #050A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050A0A
}
```

Border

The CSS property to change the border of an element to Hex 050A0A 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
#050A0A }
```

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

```
.border{ border-color:#050A0A }
```

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

Here you see how a box with a 4 pixel #050A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050A0A; -webkit-box-shadow:4px 4px  
4px 4px #050A0A; box-shadow:4px 4px 4px  
4px #050A0A }
```

Background

The CSS property to change the background color of an element to Hex 050A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050A0A }
```

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

```
.background{ background-color:#050A0A }
```

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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