

Converting Colors

Hex(00050A)

Have a look what the booklet for
Hex(00050A) contains.

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Color

Hex(00050A)

Conversions

Conversions Part 1

Format	Color
Hex	00050A
RGB	0, 5, 10
RGB Percent	0%, 2%, 4%
CMY	1.0000, 0.9804, 0.9608
CMYK	1.00, 0.50, 0.00, 0.96
HSL	210°, 100%, 2%
HSV	210°, 100%, 4%
XYZ	0.1091, 0.1305, 0.3066
YIQ	4.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

Format	Color
RYB	0, 3, 10
Decimal	1290
CIELab	1.18, -0.61, -2.35
CIELCh	1, 2.432, 255.427
Yxy	0.1305, 0.1997, 0.2389
Android (android.graphics.Color)	4278191370 (0xFF00050A)
YUV	4.0750, 2.9210, -3.5738
Hunter-Lab	3.6119, -0.9311, -2.5045

Details

The Hex color **00050A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0500**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **303336**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00050A**, and if you desaturate by 10%, it is **01060A**.

Distribution



Red (0%)

Green (2%)

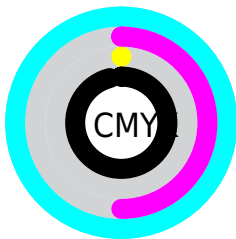
Blue (4%)



Red (0%)

Yellow (1%)

Blue (4%)

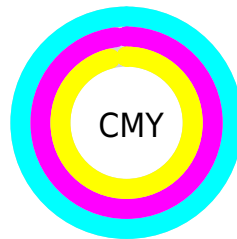


Cyan (100%)

Magenta (50%)

Yellow (0%)

Black (96%)



Cyan (100%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00050A 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 00050A by changing the saturation by 10% instead.

■ 00050A

■ 00050A

■ E2E6EA

■ 000000

■ 303336

■ 474A4D

■ 5E6265

■ 777A7E

■ 909498

■ ABAFB2

■ C6CACE

■ 00050A

■ 01060A

■ 02060A

■ 03070A

■ 04070A

■ 05080A

■ 06080A

■ 07090A

■ 08090A

■ 090A0A

Harmonies

Analogous

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



000608



00050A



03040A

Triad

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



00050A



0B0203



020500

Complementary

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



00050A



0A0500

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.



050500



00050A



0B0300

Square

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



00050A



0A0306



080400



000603

Rectangle

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



00050A



060309



080400



030500

Sweetspot

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



00050A



090B0D



000A05



050608



878787



080808

Same Dimension

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



00050A



00060D



00000A



050505



002245



0062C4

Inverse Universe

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



0A0005



0D0006



0A0A00



050505



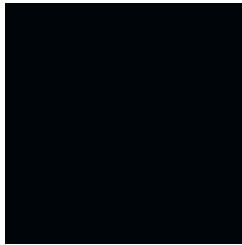
450022



C40062

Previews

White Background



This preview shows how the Hex color 00050A looks on a white background.

Color Contrast Check

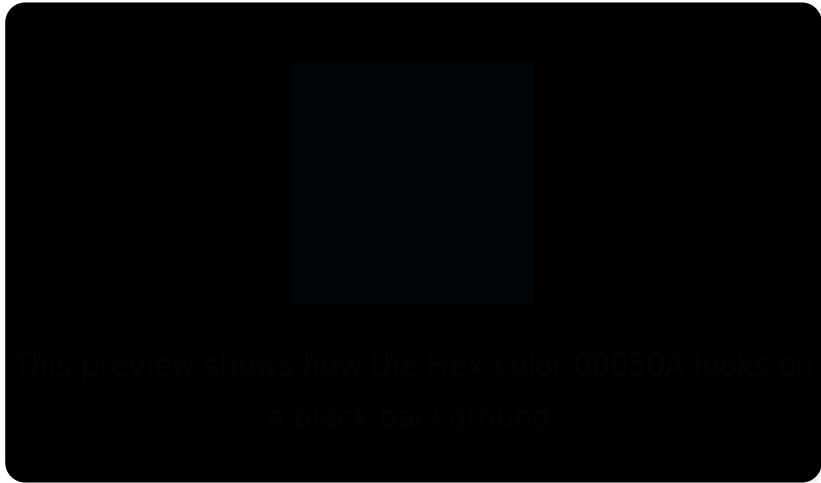
Large Text (above 18pt) WCAG AA ✓ Pass

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

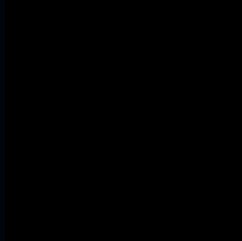
Any Text WCAG AA × Fail

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 00050A Background



This preview shows how black text looks on a background with the Hex color 00050A.



This preview shows how white text looks on a background with the Hex color 00050A.

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
00050A

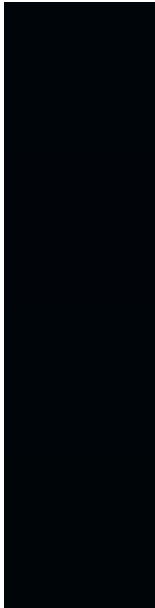
Protanopia
02050A

Deuteranopia
000509



Tritanopia
000606

Trichromacy



Original Color
00050A

Protanomaly
01050A

Deuteranomaly
000509

Tritanomaly
000607

Monochromacy



Original Color
00050A

Achromatopsia
040404

Achromatomaly
030406

CSS Examples

Text

The CSS property to change the color of the text to Hex 00050A 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 #00050A looks like.

```
.text, #text, p{  
    color:#00050A  
}
```

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 #00050A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00050A
}
```

Border

The CSS property to change the border of an element to Hex 00050A 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
#00050A }
```

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

```
.border{ border-color:#00050A }
```

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

Here you see how a box with a 4 pixel #00050A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00050A; -webkit-box-shadow:4px 4px  
4px 4px #00050A; box-shadow:4px 4px 4px  
4px #00050A }
```

Background

The CSS property to change the background color of an element to Hex 00050A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00050A }
```

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

```
.background{ background-color:#00050A }
```

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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