

Converting Colors

Hex(05010C)

Have a look what the booklet for
Hex(05010C) contains.

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Color

Hex(05010C)

Conversions

Conversions Part 1

Format	Color
Hex	05010C
RGB	5, 1, 12
RGB Percent	2%, 0%, 5%
CMY	0.9804, 0.9961, 0.9529
CMYK	0.58, 0.92, 0.00, 0.95
HSL	262°, 85%, 3%
HSV	262°, 92%, 5%
XYZ	0.1398, 0.0805, 0.3560
YIQ	3.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

Format	Color
RYB	5, 1, 12
Decimal	327948
CIELab	0.73, 2.59, -3.84
CIELCh	1, 4.631, 304.032
Yxy	0.0805, 0.2426, 0.1397
Android (android.graphics.Color)	4278518028 (0xFF05010C)
YUV	3.4500, 4.2152, 1.3593
Hunter-Lab	2.8376, 3.8287, -5.4522

Details

The Hex color **05010C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **080C01**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **333137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04000C**, and if you desaturate by 10%, it is **06020C**.

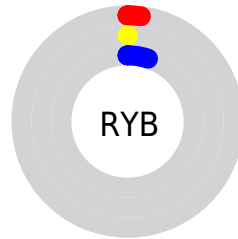
Distribution



Red (2%)

Green (0%)

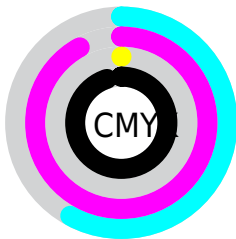
Blue (5%)



Red (2%)

Yellow (0%)

Blue (5%)

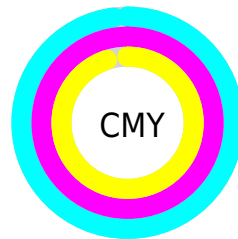


Cyan (58%)

Magenta (92%)

Yellow (0%)

Black (95%)



Cyan (98%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05010C 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 05010C by changing the saturation by 10% instead.

■ 05010C

■ 05010C

■ E6E3EC

■ 000000

■ 333137

■ 4A474E

■ 615F66

■ 7A787F

■ 949199

■ AFACB4

■ CAC7D0

■ 05010C

■ 05010C

■ 0400C

■ 06020C

■ 07030C

■ 07050C

■ 08060C

■ 09070C

■ 0A080C

■ 0A090C

■ 0B0B0C

■ 0C0C0C

Harmonies

Analogous

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



00030E



05010C



0B0008

Triad

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



05010C



090100



000503

Complementary

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



05010C



080C01

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.



000500



05010C



030300

Square

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



05010C



0E0000



000500



000509

Rectangle

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



05010C



0E0004



000500



000501

Sweetspot

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



05010C



0D0B0F



01080C



060508



878787



080808

Same Dimension

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



05010C



06000F



0A010C



050505



190045



4700C4

Inverse Universe

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



0C0108



0F000A



030C01



050505



45002C



C4007D

Previews

White Background



This preview shows how the Hex color 05010C looks on a white background.

Color Contrast Check

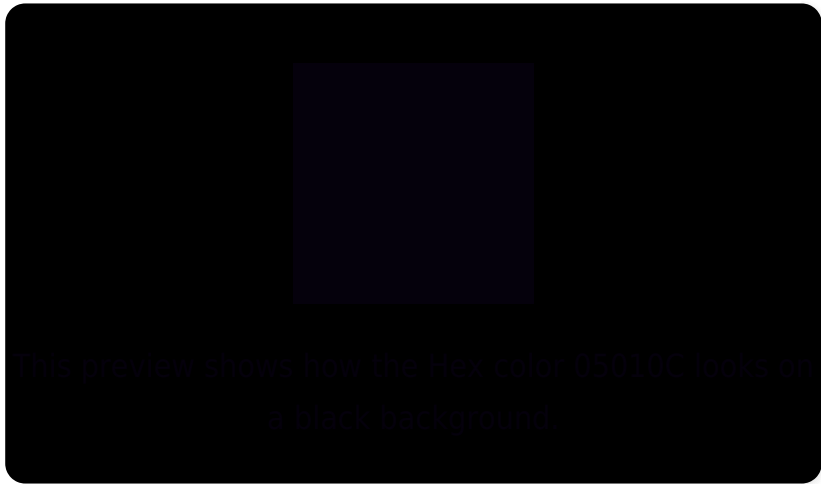
Large Text (above 18pt) WCAG AA ✓ Pass

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

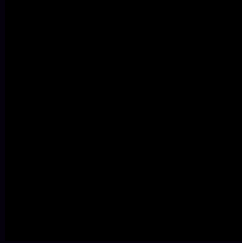
Any Text WCAG AA × Fail

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 05010C Background



This preview shows how black text looks on a background with the Hex color 05010C.



This preview shows how white text looks on a background with the Hex color 05010C.

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
05010C

Protanopia
000409

Deuteranopia
000408

Trichromacy



Original Color
05010C

Protanomaly
02030A

Deuteranomaly
020309

Tritanomaly
030408

Monochromacy



Original Color
05010C

Achromatopsia
030303

Achromatomaly
040206

CSS Examples

Text

The CSS property to change the color of the text to Hex 05010C 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 #05010C looks like.

```
.text, #text, p{  
    color:#05010C  
}
```

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 #05010C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05010C
}
```

Border

The CSS property to change the border of an element to Hex 05010C is called "border". The border property can be set on classes, ids or directly on the HTML element.

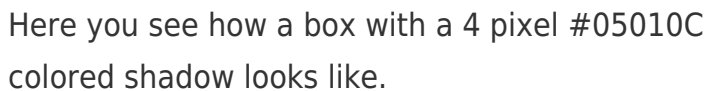
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05010C }
```

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

```
.border{ border-color:#05010C }
```

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



Here you see how a box with a 4 pixel #05010C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05010C; -webkit-box-shadow:4px 4px  
4px 4px #05010C; box-shadow:4px 4px 4px  
4px #05010C }
```

Background

The CSS property to change the background color of an element to Hex 05010C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05010C }
```

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

```
.background{ background-color:#05010C }
```

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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