

Converting Colors

Hex(02050C)

Have a look what the booklet for
Hex(02050C) contains.

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Color

Hex(02050C)

Conversions

Conversions Part 1

Format	Color
Hex	02050C
RGB	2, 5, 12
RGB Percent	1%, 2%, 5%
CMY	0.9922, 0.9804, 0.9529
CMYK	0.83, 0.58, 0.00, 0.95
HSL	222°, 71%, 3%
HSV	222°, 83%, 5%
XYZ	0.1457, 0.1480, 0.3687
YIQ	4.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

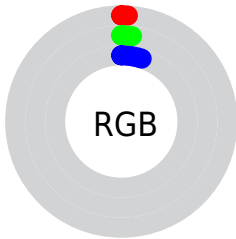
Format	Color
RYB	2, 4, 12
Decimal	132364
CIELab	1.34, 0.21, -2.97
CIELCh	1, 2.976, 273.950
Yxy	0.1480, 0.2199, 0.2234
Android (android.graphics.Color)	4278322444 (0xFF02050C)
YUV	4.9010, 3.4998, -2.5442
Hunter-Lab	3.8470, 0.0268, -2.9898

Details

The Hex color **02050C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0902**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **313338**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01040C**, and if you desaturate by 10%, it is **03060C**.

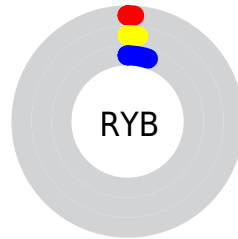
Distribution



Red (1%)

Green (2%)

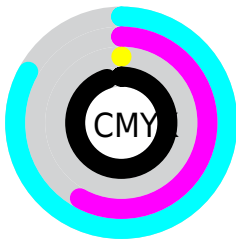
Blue (5%)



Red (1%)

Yellow (2%)

Blue (5%)

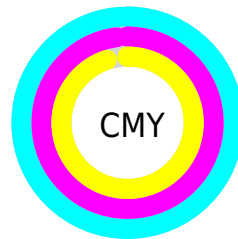


Cyan (83%)

Magenta (58%)

Yellow (0%)

Black (95%)



Cyan (99%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02050C 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 02050C by changing the saturation by 10% instead.

■ 02050C

■ 02050C

■ E4E6EC

■ 000000

■ 313338

■ 484A4E

■ 5F6266

■ 787A7F

■ 929499

■ ACAFB4

■ C8CAD0

■ 02050C

■ 02050C

■ 01040C

■ 03060C

■ 00040C

■ 04070C

■ 06080C

■ 07080C

■ 08090C

■ 090A0C

■ 0A0B0C

■ 0C0C0C

■ 0D0D0C

Harmonies

Analogous

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



00060B



02050C



06040B

Triad

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



02050C



0D0301



000702

Complementary

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



02050C



0C0902

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.



030600



02050C



0B0400

Square

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



02050C



0D0305



070500



000705

Rectangle

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



02050C



090309



070500



010701

Sweetspot

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



02050C



0B0D0F



020C09



050608



878787



080808

Same Dimension

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



02050C



00050F



04020C



050505



001545



003BC4

Inverse Universe

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



0C0205



0F0005



0A0C02



050505



450015



C4003B

Previews

White Background



This preview shows how the Hex color 02050C looks on a white background.

Color Contrast Check

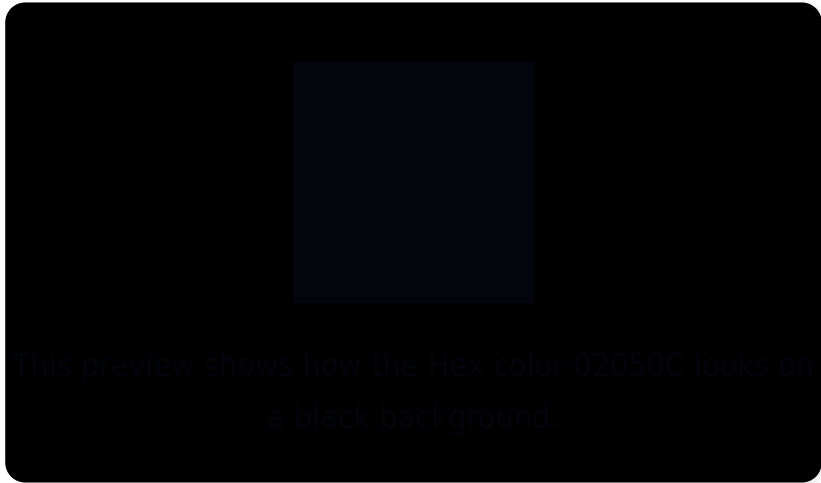
Large Text (above 18pt) WCAG AA ✓ Pass

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

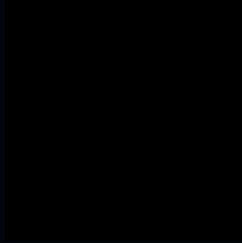
Any Text WCAG AA × Fail

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 02050C Background



This preview shows how black text looks on a background with the Hex color 02050C.



This preview shows how white text looks on a background with the Hex color 02050C.

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
02050C

Protanopia
00050B

Deuteranopia
00060A



Tritanopia
000606

Trichromacy



Original Color
02050C

Protanomaly
01050B

Deuteranomaly
01060B

Tritanomaly
010608

Monochromacy



Original Color
02050C

Achromatopsia
050505

Achromatomaly
040508

CSS Examples

Text

The CSS property to change the color of the text to Hex 02050C 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 #02050C looks like.

```
.text, #text, p{  
    color:#02050C  
}
```

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 #02050C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02050C
}
```

Border

The CSS property to change the border of an element to Hex 02050C is called "border". The border property can be set on classes, ids or directly on the HTML element.

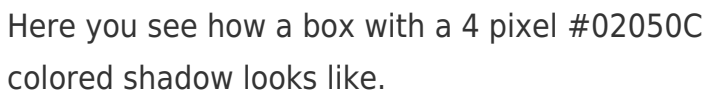
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02050C }
```

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

```
.border{ border-color:#02050C }
```

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



Here you see how a box with a 4 pixel #02050C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02050C; -webkit-box-shadow:4px 4px  
4px 4px #02050C; box-shadow:4px 4px 4px  
4px #02050C }
```

Background

The CSS property to change the background color of an element to Hex 02050C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02050C }
```

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

```
.background{ background-color:#02050C }
```

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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