

Converting Colors

Hex(07020C)

Have a look what the booklet for
Hex(07020C) contains.

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Color

Hex(07020C)

Conversions

Conversions Part 1

Format	Color
Hex	07020C
RGB	7, 2, 12
RGB Percent	3%, 1%, 5%
CMY	0.9725, 0.9922, 0.9529
CMYK	0.42, 0.83, 0.00, 0.95
HSL	270°, 71%, 3%
HSV	270°, 83%, 5%
XYZ	0.1757, 0.1151, 0.3608
YIQ	4.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

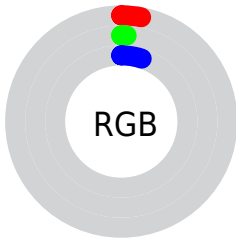
Format	Color
RYB	7, 2, 12
Decimal	459276
CIELab	1.04, 2.71, -3.37
CIELCh	1, 4.325, 308.871
Yxy	0.1151, 0.2696, 0.1767
Android (android.graphics.Color)	4278649356 (0xFF07020C)
YUV	4.6350, 3.6309, 2.0741
Hunter-Lab	3.3931, 3.3046, -3.9291

Details

The Hex color **07020C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **070C02**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **343138**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **06010C**, and if you desaturate by 10%, it is **08030C**.

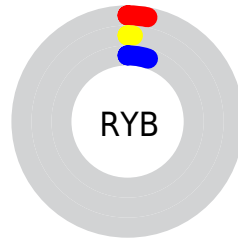
Distribution



Red (3%)

Green (1%)

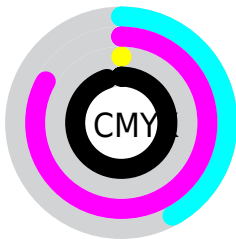
Blue (5%)



Red (3%)

Yellow (1%)

Blue (5%)

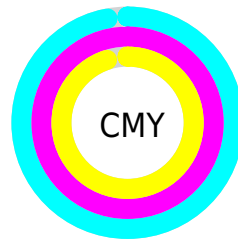


Cyan (42%)

Magenta (83%)

Yellow (0%)

Black (95%)



Cyan (97%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07020C 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 07020C by changing the saturation by 10% instead.

■ 07020C

■ 07020C

■ E8E4EC

■ 000000

■ 343138

■ 4B484E

■ 636066

■ 7C787F

■ 969299

■ B0ADB4

■ CCC8D0

■ 07020C

■ 07020C

■ 06010C

■ 08030C

■ 06000C

■ 08040C

■ 09060C

■ 09070C

■ 0A080C

■ 0B090C

■ 0B0A0C

■ 0C0C0C

■ 0C0D0C

Harmonies

Analogous

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



01040E



07020C



0C0108

Triad

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



07020C



0A0200



000705

Complementary

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



07020C



070C02

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.



000700



07020C



040400

Square

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



07020C



0E0100



000600



00070A

Rectangle

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



07020C



0E0004



000600



000703

Sweetspot

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



07020C



0D0B0F



02070C



070508



878787



080808

Same Dimension

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



07020C



08000F



0C020C



050505



220045



6200C4

Inverse Universe

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



0C0207



0F0008



020C02



050505



450022



C40062

Previews

White Background



This preview shows how the Hex color 07020C looks on a white background.

Color Contrast Check

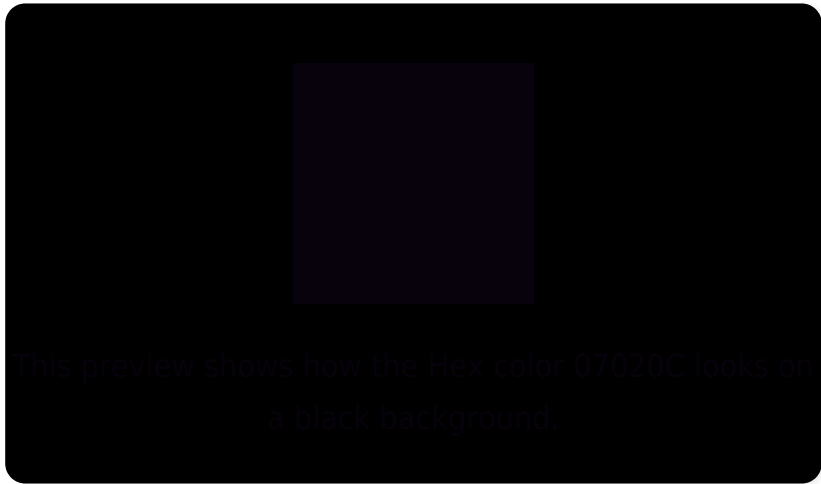
Large Text (above 18pt) WCAG AA ✓ Pass

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

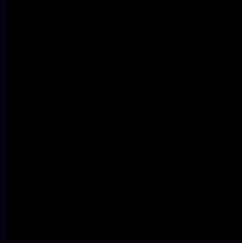
Any Text WCAG AA × Fail

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 07020C Background



This preview shows how black text looks on a background with the Hex color 07020C.



This preview shows how white text looks on a background with the Hex color 07020C.

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
07020C

Protanopia
00050A

Deuteranopia
000509



Tritanopia
060505

Trichromacy



Original Color
07020C

Protanomaly
03040B

Deuteranomaly
03040A

Tritanomaly
060408

Monochromacy



Original Color
07020C

Achromatopsia
050505

Achromatomaly
060408

CSS Examples

Text

The CSS property to change the color of the text to Hex 07020C 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 #07020C looks like.

```
.text, #text, p{  
    color:#07020C  
}
```

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 #07020C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07020C
}
```

Border

The CSS property to change the border of an element to Hex 07020C is called "border". The border property can be set on classes, ids or directly on the HTML element.

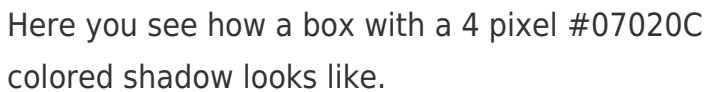
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07020C }
```

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

```
.border{ border-color:#07020C }
```

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



Here you see how a box with a 4 pixel #07020C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07020C; -webkit-box-shadow:4px 4px  
4px 4px #07020C; box-shadow:4px 4px 4px  
4px #07020C }
```

Background

The CSS property to change the background color of an element to Hex 07020C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07020C }
```

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

```
.background{ background-color:#07020C }
```

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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