

Converting Colors

Hex(05020D)

Have a look what the booklet for
Hex(05020D) contains.

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Color

Hex(05020D)

Conversions

Conversions Part 1	
Format	Color
Hex	05020D
RGB	5, 2, 13
RGB Percent	2%, 1%, 5%
CMY	0.9804, 0.9922, 0.9490
CMYK	0.62, 0.85, 0.00, 0.95
HSL	256°, 73%, 3%
HSV	256°, 85%, 5%
XYZ	0.1569, 0.1047, 0.3927
YIQ	4.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

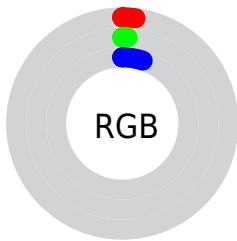
Format	Color
RYB	5, 2, 13
Decimal	328205
CIELab	0.95, 2.35, -3.99
CIELCh	1, 4.628, 300.532
Yxy	0.1047, 0.2398, 0.1601
Android (android.graphics.Color)	4278518285 (0xFF05020D)
YUV	4.1510, 4.3626, 0.7446
Hunter-Lab	3.2364, 2.9924, -4.9291

Details

The Hex color **05020D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0D02**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **333138**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04010D**, and if you desaturate by 10%, it is **06030D**.

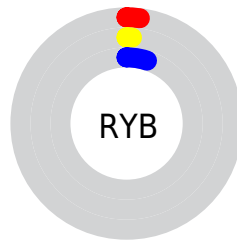
Distribution



Red (2%)

Green (1%)

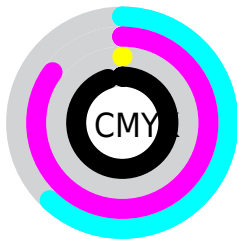
Blue (5%)



Red (2%)

Yellow (1%)

Blue (5%)

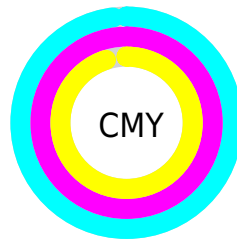


Cyan (62%)

Magenta (85%)

Yellow (0%)

Black (95%)



Cyan (98%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05020D 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 05020D by changing the saturation by 10% instead.

 05020D


 05020D

 E6E4ED

 000000

 333138

 4A484F

 616067

 7A7880

 94929A

 AFADB5

 CAC8D0

 05020D

 05020D

■ 04010D

■ 06030D

■ 04000D

■ 07050D

■ 08060D

■ 09070D

■ 0A090D

■ 0B0A0D

■ 0C0B0D

■ 0D0C0D

■ 0E0E0D

Harmonies

Analogous

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



00040E



05020D



0B0109

Triad

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



05020D



0B0200



000703

Complementary

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



05020D



0A0D02

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.



000600



05020D



050300

Square

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



05020D



0F0000



000500



000709

Rectangle

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



05020D



0E0006



000500



000701

Sweetspot

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



05020D



0F0D12



020A0D



08070A



8A8A8A



0A0A0A

Same Dimension

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



05020D



050012



0A020D



070708



130047



3600C7

Inverse Universe

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



0D020A



12000D



050D02



080707



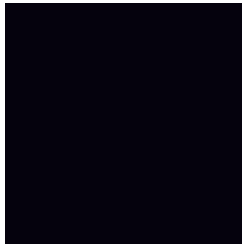
470034



C70091

Previews

White Background



This preview shows how the Hex color 05020D looks on a white background.

Color Contrast Check

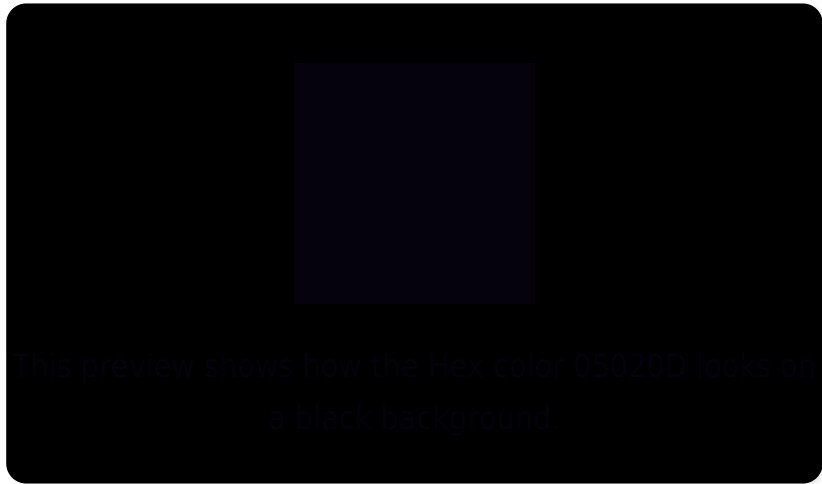
Large Text (above 18pt) WCAG AA ✓ Pass

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

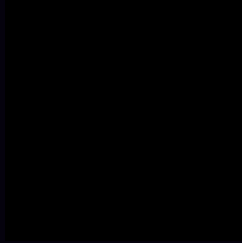
Any Text WCAG AA × Fail

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 05020D Background



This preview shows how black text looks on a background with the Hex color 05020D.



This preview shows how white text looks on a background with the Hex color 05020D.

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

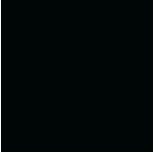
05020D

Protanopia

00050A

Deuteranopia

000508



Tritanopia
000506

Trichromacy



Original Color
05020D

Protanomaly
02040B

Deuteranomaly
02040A

Tritanomaly
020409

Monochromacy



Original Color
05020D

Achromatopsia
040404

Achromatomaly
040307

CSS Examples

Text

The CSS property to change the color of the text to Hex 05020D 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 #05020D looks like.

```
.text, #text, p{  
    color:#05020D  
}
```

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 #05020D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05020D
}
```

Border

The CSS property to change the border of an element to Hex 05020D 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
#05020D }
```

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

```
.border{ border-color:#05020D }
```

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

Here you see how a box with a 4 pixel #05020D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05020D; -webkit-box-shadow:4px 4px  
4px 4px #05020D; box-shadow:4px 4px 4px  
4px #05020D }
```

Background

The CSS property to change the background color of an element to Hex 05020D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05020D }
```

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

```
.background{ background-color:#05020D }
```

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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