

Converting Colors

Hex(050005)

Have a look what the booklet for
Hex(050005) contains.

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Color

Hex(050005)

Conversions

Conversions Part 1

Format	Color
Hex	050005
RGB	5, 0, 5
RGB Percent	2%, 0%, 2%
CMY	0.9804, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.00, 0.98
HSL	300°, 100%, 1%
HSV	300°, 100%, 2%
XYZ	0.0900, 0.0432, 0.1472
YIQ	2.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

Format	Color
R_{YB}	5, 0, 5
Decimal	327685
CIE Lab	0.39, 2.00, -1.43
CIE LCh	0, 2.462, 324.439
Yxy	0.0432, 0.3209, 0.1542
Android (android.graphics.Color)	4278517765 (0xFF050005)
YUV	2.0650, 1.4470, 2.5740
Hunter-Lab	2.0790, 4.0874, -2.7421

Details

The Hex color **050005** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000500**, and the grayscale version is **020202**.

A 20% lighter version of the original color is **333033**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **050005**, and if you desaturate by 10%, it is **050005**.

Distribution



Red (2%)

Green (0%)

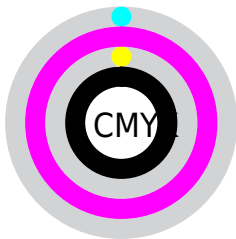
Blue (2%)



Red (2%)

Yellow (0%)

Blue (2%)



Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (98%)



Cyan (98%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050005 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 050005 by changing the saturation by 10% instead.

■ 050005

■ 050005

■ E6E2E6

■ 000000

■ 333033

■ 4A474A

■ 625E62

■ 7A777A

■ 949194

■ AFABAF

■ CAC6CA

■ 050005

- 050105
- 050205
- 050305
- 050405
- 050505

Harmonies

Analogous

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



020107



050005



080002

Triad

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



050005



030100



000304

Complementary

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



050005



000500

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.



000301



050005



000200

Square

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



050005



060000



000300



000306

Rectangle

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



050005



080000



000300



000303

Sweetspot

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



050005



080508



000005



050305



858585



050505

Same Dimension

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



050005



080008



050003



030203



420042



C200C2

Inverse Universe

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



050005



080008



000503



030203



420042



C200C2

Previews

White Background



This preview shows how the Hex color 050005 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

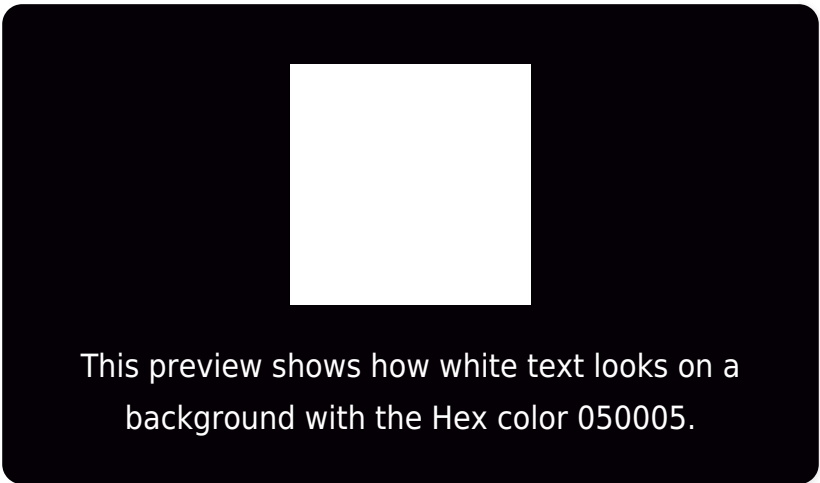
Any Text WCAG AA × Fail

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](#).

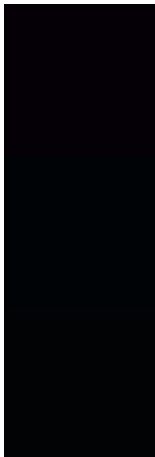
Hex 050005 Background



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
050005

Protanopia
000306

Deuteranopia
020305



Tritanopia
050202

Trichromacy



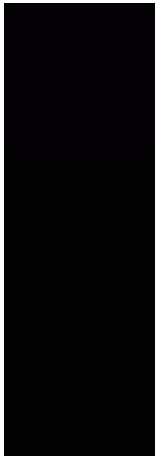
Original Color
050005

Protanomaly
020206

Deuteranomaly
030205

Tritanomaly
050103

Monochromacy



Original Color
050005

Achromatopsia
020202

Achromatomaly
030103

CSS Examples

Text

The CSS property to change the color of the text to Hex 050005 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 #050005 looks like.

```
.text, #text, p{  
    color:#050005  
}
```

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 #050005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050005
}
```

Border

The CSS property to change the border of an element to Hex 050005 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
#050005 }
```

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

```
.border{ border-color:#050005 }
```

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

Here you see how a box with a 4 pixel #050005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050005; -webkit-box-shadow:4px 4px  
4px 4px #050005; box-shadow:4px 4px 4px  
4px #050005 }
```

Background

The CSS property to change the background color of an element to Hex 050005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050005 }
```

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

```
.background{ background-color:#050005 }
```

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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