

Converting Colors

Hex(050030)

Have a look what the booklet for
Hex(050030) contains.

Hex(050030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(050030)

Conversions

Conversions Part 1

Format	Color
Hex	050030
RGB	5, 0, 48
RGB Percent	2%, 0%, 19%
CMY	0.9804, 1.0000, 0.8118
CMYK	0.90, 1.00, 0.00, 0.81
HSL	246°, 100%, 9%
HSV	246°, 100%, 19%
XYZ	0.5961, 0.2457, 2.8123
YIQ	6.9670, -12.4280, 15.9880

Conversions

Conversions Part 2

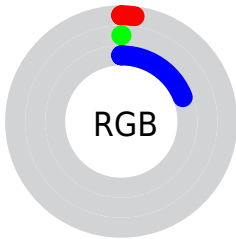
Format	Color
R_{YB}	5, 0, 48
Decimal	327728
CIE Lab	2.22, 14.85, -27.71
CIE LCh	2, 31.437, 298.195
Yxy	0.2457, 0.1631, 0.0672
Android (android.graphics.Color)	4278517808 (0xFF050030)
YUV	6.9670, 20.2293, -1.7251
Hunter-Lab	4.9565, 12.7935, -30.1717

Details

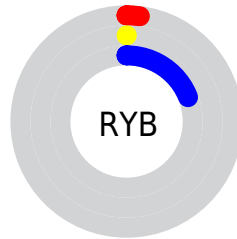
The Hex color **050030** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2B3000**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **32305E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **050030**, and if you desaturate by 10%, it is **090530**.

Distribution



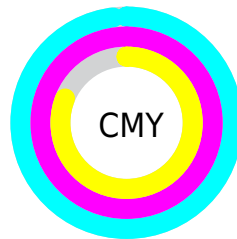
- Red (2%)
- Green (0%)
- Blue (19%)



- Red (2%)
- Yellow (0%)
- Blue (19%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (98%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050030 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 050030 by changing the saturation by 10% instead.

■ 050030

■ 050030

■ EBE2FF

■ 00011A

■ 32305E

■ 000000

■ 4A4677

■ 635D91

■ 7D76AC

■ 9890C7

■ B3AAE4

■ CFC6FF

■ 050030

■ 090530

■ 0E0A30

■ 120E30

■ 161330

■ 1B1830

■ 1F1D30

■ 232230

■ 272630

■ 2C2B30

Harmonies

Analogous

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



000D35



050030



240022

Triad

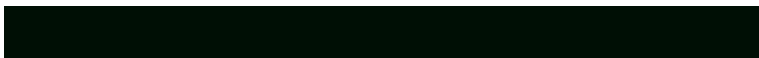
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



050030



230000



000F05

Complementary

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



050030



2B3000

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.



000F00



050030



0E0700

Square

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



050030



2D0000



000F00



00101F

Rectangle

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



050030



2C0015



000F00

Sweetspot

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



050030



2D2B3D



002B30



15141F



9E9E9E



1F1F1F

Same Dimension

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



050030



06003D



1D0030



151517



090057



1600D6

Inverse Universe

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



30002B



3D0037



133000



171517



57004E



D600C0

Previews

White Background



This preview shows how the Hex color 050030 looks on a white background.

Color Contrast Check

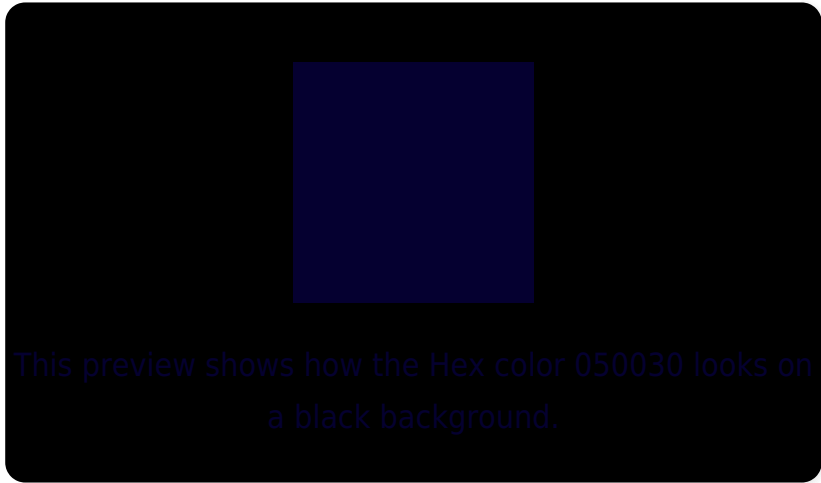
Large Text (above 18pt) WCAG AA ✓ Pass

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

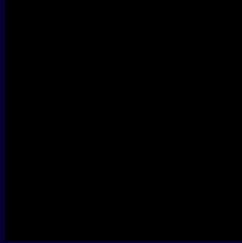
Any Text WCAG AA × Fail

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 050030 Background



This preview shows how black text looks on a background with the Hex color 050030.



This preview shows how white text looks on a background with the Hex color 050030.

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
050030

Protanopia
000E1E

Deuteranopia
000F19



Tritanopia
001011

Trichromacy



Original Color
050030

Protanomaly
020925

Deuteranomaly
020A21

Tritanomaly
020A1C

Monochromacy



Original Color
050030

Achromatopsia
070707

Achromatomaly
060416

CSS Examples

Text

The CSS property to change the color of the text to Hex 050030 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 #050030 looks like.

```
.text, #text, p{  
    color:#050030  
}
```

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 #050030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050030
}
```

Border

The CSS property to change the border of an element to Hex 050030 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
#050030 }
```

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

```
.border{ border-color:#050030 }
```

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

Here you see how a box with a 4 pixel #050030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050030; -webkit-box-shadow:4px 4px  
4px 4px #050030; box-shadow:4px 4px 4px  
4px #050030 }
```

Background

The CSS property to change the background color of an element to Hex 050030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050030 }
```

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

```
.background{ background-color:#050030 }
```

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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