

Converting Colors

Hex(03030B)

Have a look what the booklet for
Hex(03030B) contains.

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Color

Hex(03030B)

Conversions

Conversions Part 1

Format	Color
Hex	03030B
RGB	3, 3, 11
RGB Percent	1%, 1%, 4%
CMY	0.9882, 0.9882, 0.9569
CMYK	0.73, 0.73, 0.00, 0.96
HSL	240°, 57%, 3%
HSV	240°, 73%, 4%
XYZ	0.1305, 0.1086, 0.3307
YIQ	3.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

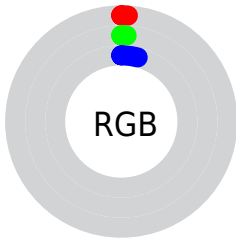
Format	Color
RYB	3, 3, 11
Decimal	197387
CIELab	0.98, 1.12, -3.04
CIElCh	1, 3.237, 290.178
Yxy	0.1086, 0.2290, 0.1907
Android (android.graphics.Color)	4278387467 (0xFF03030B)
YUV	3.9120, 3.4944, -0.7998
Hunter-Lab	3.2961, 1.2999, -3.6412

Details

The Hex color **03030B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B0B03**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **323237**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **02020B**, and if you desaturate by 10%, it is **04040B**.

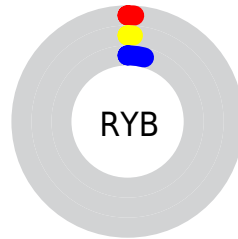
Distribution



Red (1%)

Green (1%)

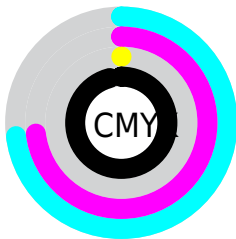
Blue (4%)



Red (1%)

Yellow (1%)

Blue (4%)

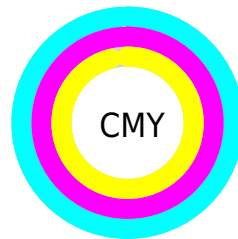


Cyan (73%)

Magenta (73%)

Yellow (0%)

Black (96%)



Cyan (99%)

Magenta (99%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03030B 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 03030B by changing the saturation by 10% instead.

■ 03030B

■ 03030B

■ E5E5EB

■ 000000

■ 323237

■ 48494E

■ 606066

■ 79797F

■ 939398

■ ADADB3

■ C9C9CF

■ 03030B

■ 03030B

■ 02020B

■ 04040B

■ 01010B

■ 05050B

■ 00000B

■ 06060B

■ 07070B

■ 09090B

■ 0A0A0B

■ 0B0B0B

■ 0C0C0B

■ 0D0D0B

Harmonies

Analogous

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



00040B



03030B



080209

Triad

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



03030B



0B0200



000602

Complementary

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



03030B



0B0B03

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.



000500



03030B



070300

Square

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



03030B



0D0101



030400



000606

Rectangle

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



03030B



0A0106



030400



000601

Sweetspot

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



03030B



0C0C0F



030B0B



060608



878787



080808

Same Dimension

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



03030B



02020F



07030B



050505



000045



0000C4

Inverse Universe

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



0B030B



0F020F



070B03



050505



450045



C400C4

Previews

White Background



This preview shows how the Hex color 03030B looks on a white background.

Color Contrast Check

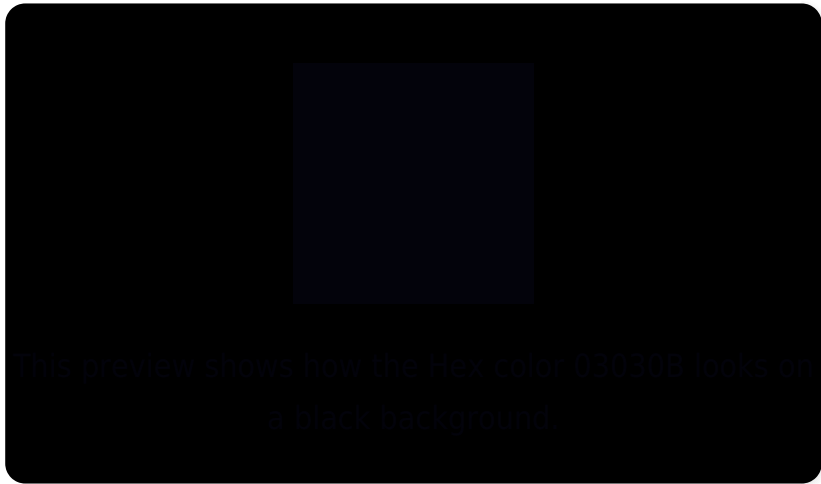
Large Text (above 18pt) WCAG AA ✓ Pass

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 03030B Background



This preview shows how black text looks on a background with the Hex color 03030B.

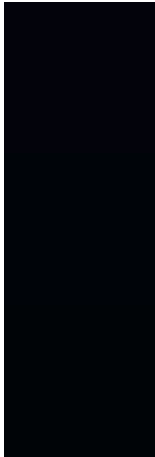


This preview shows how white text looks on a background with the Hex color 03030B.

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
03030B

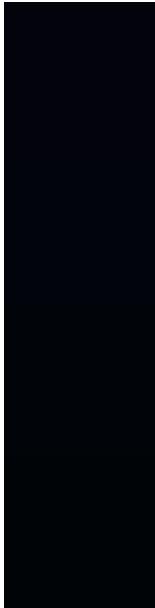
Protanopia
000409

Deuteranopia
000407



Tritanopia
000505

Trichromacy



Original Color
03030B

Protanomaly
01040A

Deuteranomaly
010408

Tritanomaly
010407

Monochromacy



Original Color
03030B

Achromatopsia
040404

Achromatomaly
040407

CSS Examples

Text

The CSS property to change the color of the text to Hex 03030B 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 #03030B looks like.

```
.text, #text, p{  
    color:#03030B  
}
```

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 #03030B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03030B
}
```

Border

The CSS property to change the border of an element to Hex 03030B is called "border". The border property can be set on classes, ids or directly on the HTML element.

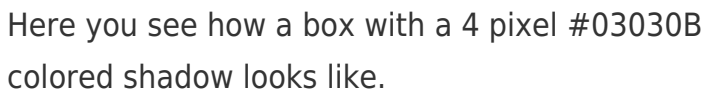
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03030B }
```

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

```
.border{ border-color:#03030B }
```

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



Here you see how a box with a 4 pixel #03030B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03030B; -webkit-box-shadow:4px 4px  
4px 4px #03030B; box-shadow:4px 4px 4px  
4px #03030B }
```

Background

The CSS property to change the background color of an element to Hex 03030B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03030B }
```

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

```
.background{ background-color:#03030B }
```

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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