

Converting Colors

Hex(032D03)

Have a look what the booklet for
Hex(032D03) contains.

Hex(032D03)	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(032D03)

Conversions

Conversions Part 1

Format	Color
Hex	032D03
RGB	3, 45, 3
RGB Percent	1%, 18%, 1%
CMY	0.9882, 0.8235, 0.9882
CMYK	0.93, 0.00, 0.93, 0.82
HSL	120°, 88%, 9%
HSV	120°, 93%, 18%
XYZ	0.9924, 1.9027, 0.4011
YIQ	27.6540, -11.5500, -21.9660

Conversions

Conversions Part 2

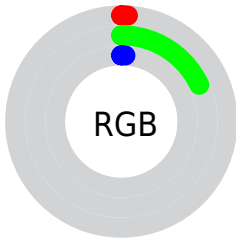
Format	Color
R_{YB}	3, 45, 45
Decimal	208131
CIE _{Lab}	14.97, -24.20, 20.07
CIE _{LCh}	15, 31.441, 140.331
Yxy	1.9027, 0.3011, 0.5772
Android (android.graphics.Color)	4278398211 (0xFF032D03)
YUV	27.6540, -12.1544, -21.6216
Hunter-Lab	13.7939, -11.2974, 7.9316

Details

The Hex color **032D03** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D032D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **335C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002D00**, and if you desaturate by 10%, it is **072D07**.

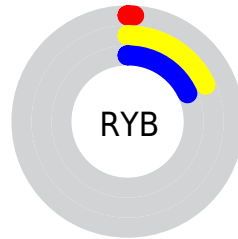
Distribution



Red (1%)

Green (18%)

Blue (1%)



Red (1%)

Yellow (18%)

Blue (18%)

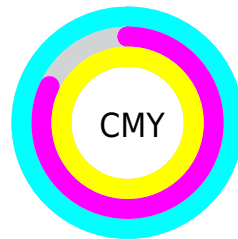


Cyan (93%)

Magenta (0%)

Yellow (93%)

Black (82%)



Cyan (99%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 032D03 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 032D03 by changing the saturation by 10% instead.

 032D03

 032D03

 EBF FE5

 001A00

 335C31

 000000

 4B7448

 648E60

 7DA979

 98C493

 B3E0AD

 CFFDC9

 032D03

 032D03

■ 002D00

■ 072D07

■ 0C2D0C

■ 102D10

■ 152D15

■ 1A2D1A

■ 1E2D1E

■ 232D23

■ 272D27

■ 2C2D2C

Harmonies

Analogous

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



222900



032D03



002F1D

Triad

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



032D03



002A52



4C0E18

Complementary

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



032D03



2D032D

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.



490D2E



032D03



132350

Square

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



032D03



002E48



391842



451800

Rectangle

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



032D03



002F2D



391842



4C0C1F

Sweetspot

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



032D03



2A3B2A



2D2D03



141F14



9E9E9E



1F1F1F

Same Dimension

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



032D03



003B00



032D18



151715



005700



00D600

Inverse Universe

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



2D032D



3B003B



2D0318



171517



570057



D600D6

Previews

White Background



This preview shows how the Hex color 032D03 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

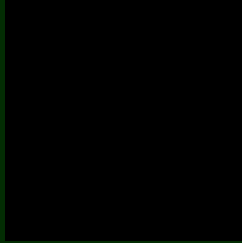
Any Text WCAG AA × Fail

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 032D03 Background



This preview shows how black text looks on a background with the Hex color 032D03.



This preview shows how white text looks on a background with the Hex color 032D03.

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
032D03

Protanopia
2B2700

Deuteranopia
30240A



Tritanopia
132A2D

Trichromacy



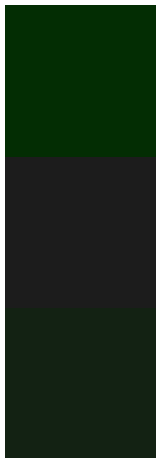
Original Color
032D03

Protanomaly
1C2901

Deuteranomaly
202707

Tritanomaly
0D2B1E

Monochromacy



Original Color
032D03

Achromatopsia
1C1C1C

Achromatomaly
132213

CSS Examples

Text

The CSS property to change the color of the text to Hex 032D03 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 #032D03 looks like.

```
.text, #text, p{  
    color:#032D03  
}
```

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 #032D03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032D03
}
```

Border

The CSS property to change the border of an element to Hex 032D03 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".

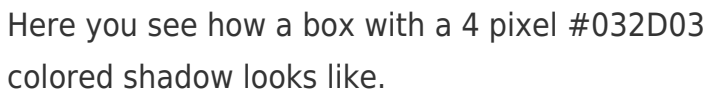
```
.border, #border, table{ border:4px solid
#032D03 }
```

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

```
.border{ border-color:#032D03 }
```

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

Here you see how a box with a 4 pixel #032D03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032D03; -webkit-box-shadow:4px 4px  
4px 4px #032D03; box-shadow:4px 4px 4px  
4px #032D03 }
```

Background

The CSS property to change the background color of an element to Hex 032D03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032D03 }
```

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

```
.background{ background-color:#032D03 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor