

Converting Colors

Hex(003206)

Have a look what the booklet for
Hex(003206) contains.

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Color

Hex(003206)

Conversions

Conversions Part 1	
Format	Color
Hex	003206
RGB	0, 50, 6
RGB Percent	0%, 20%, 2%
CMY	1.0000, 0.8039, 0.9765
CMYK	1.00, 0.00, 0.88, 0.80
HSL	127°, 100%, 10%
HSV	127°, 100%, 20%
XYZ	1.1735, 2.2944, 0.5533
YIQ	30.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

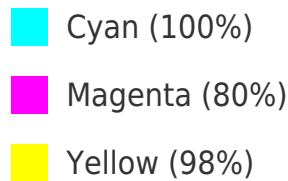
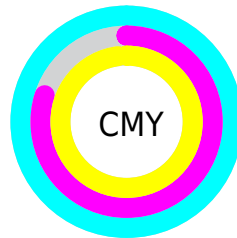
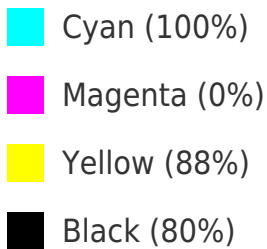
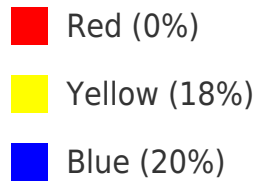
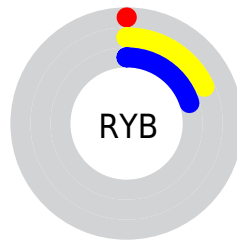
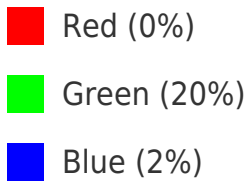
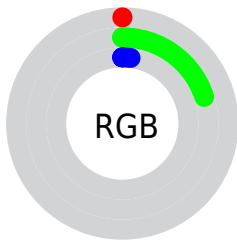
Format	Color
RYB	0, 45, 50
Decimal	12806
CIELab	16.96, -26.51, 21.33
CIELCh	17, 34.030, 141.184
Yxy	2.2944, 0.2918, 0.5706
Android (android.graphics.Color)	4278202886 (0xFF003206)
YUV	30.0340, -11.8488, -26.3398
Hunter-Lab	15.1471, -12.6788, 8.4372

Details

The Hex color **003206** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **32002C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **336133**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003206**, and if you desaturate by 10%, it is **05320A**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 003206 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 003206 by changing the saturation by 10% instead.

 003206

 003206

 EDFFE8

 001F00

 336133

 000000

 4B7A4A

 649462

 7EAF7C

 99CB96

 B4E7B0

 D0FFCC

 003206


 05320A

 0A320F

 0F3213

 143218

 19321C

 1E3220

 233225

 283229

 2D322E

Harmonies

Analogous

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



252E00



003206



003422

Triad

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



003206



002F5A



540F1A

Complementary

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



003206



32002C

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.



510E32



003206



162758

Square

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



003206



003350



3F1A49



4B1B00

Rectangle

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



003206



003533



3F1A49



540D22

Sweetspot

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



003206



2D402F



2C3200



152117



A1A1A1



212121

Same Dimension

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



003206



004008



00321F



171A17



00590B



00D91A

Inverse Universe

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



32002C



400038



320013



1A1719



59004F



D900BF

Previews

White Background



This preview shows how the Hex color 003206 looks on a white background.

Color Contrast Check

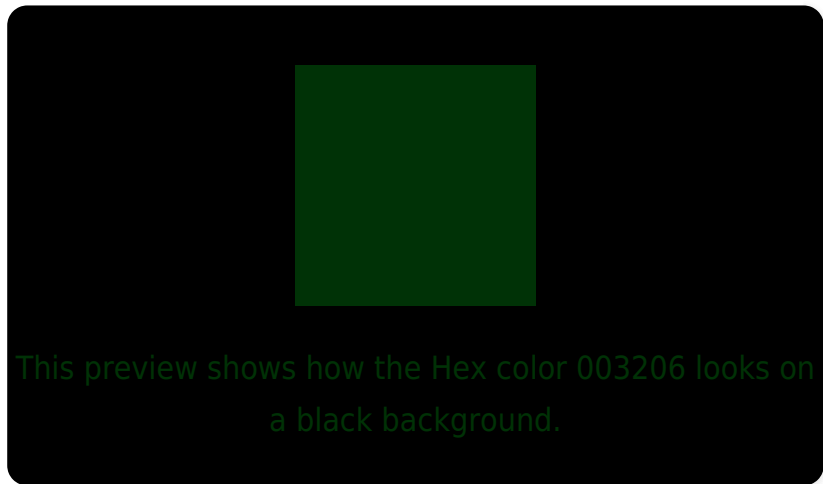
Large Text (above 18pt) WCAG AA ✓ Pass

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

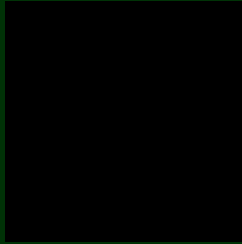
Any Text WCAG AA × Fail

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 003206 Background



This preview shows how black text looks on a background with the Hex color 003206.



This preview shows how white text looks on a background with the Hex color 003206.

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](#).

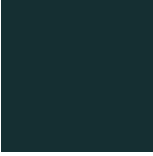
Dichromacy



Original Color
003206


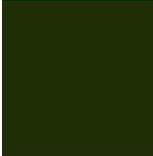


Protanopia
302B03

Deuteranopia
36290C


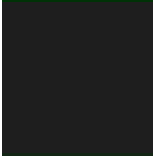



Tritanopia
152F32

Trichromacy

	Original Color 003206
	Protanomaly 1F2E04
	Deuteranomaly 222C0A
	Tritanomaly 0D3022

Monochromacy

	Original Color 003206
	Achromatopsia 1E1E1E
	Achromatomaly 132515

CSS Examples

Text

The CSS property to change the color of the text to Hex 003206 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 #003206 looks like.

```
.text, #text, p{  
    color:#003206  
}
```

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 #003206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003206
}
```

Border

The CSS property to change the border of an element to Hex 003206 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
#003206 }
```

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

```
.border{ border-color:#003206 }
```

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

Here you see how a box with a 4 pixel #003206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003206; -webkit-box-shadow:4px 4px  
4px 4px #003206; box-shadow:4px 4px 4px  
4px #003206 }
```

Background

The CSS property to change the background color of an element to Hex 003206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003206 }
```

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

```
.background{ background-color:#003206 }
```

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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