

Converting Colors

Hex(003224)

Have a look what the booklet for
Hex(003224) contains.

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Color

Hex(003224)

Conversions

Conversions Part 1

Format	Color
Hex	003224
RGB	0, 50, 36
RGB Percent	0%, 20%, 14%
CMY	1.0000, 0.8039, 0.8588
CMYK	1.00, 0.00, 0.28, 0.80
HSL	163°, 100%, 10%
HSV	163°, 100%, 20%
XYZ	1.4590, 2.4086, 2.0571
YIQ	33.4540, -25.3060, -14.9540

Conversions

Conversions Part 2

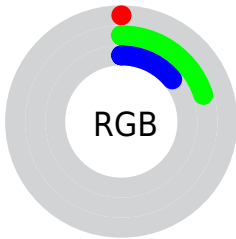
Format	Color
RYB	0, 29, 50
Decimal	12836
CIELab	17.50, -20.13, 4.49
CIELCh	18, 20.627, 167.423
Yxy	2.4086, 0.2463, 0.4065
Android (android.graphics.Color)	4278202916 (0xFF003224)
YUV	33.4540, 1.2552, -29.3392
Hunter-Lab	15.5196, -10.3780, 3.0050

Details

The Hex color **003224** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **32000E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **336150**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003224**, and if you desaturate by 10%, it is **053225**.

Distribution



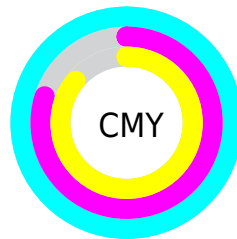
- Red (0%)
- Green (20%)
- Blue (14%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003224 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 003224 by changing the saturation by 10% instead.

 003224

 003224

 ECFFF

 001E0F

 336150

 000000

 4B7A69

 649482

 7EAE9C

 99CAB6

 B4E6D2

 D0FFEE

 003224

■ 053225

■ 0A3227

■ 0F3228

■ 14322A

■ 19322B

■ 1E322C

■ 23322E

■ 28322F

■ 2D3231

Harmonies

Analogous

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



1A3016



003224



003233

Triad

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



003224



212947



432216

Complementary

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



003224



32000E

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.



471F23



003224



37243F

Square

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



003224



002E48



431F32



39280D

Rectangle

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



003224



00323D



431F32



45211A

Sweetspot

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



003224



2D403A



0E3200



15211E



A1A1A1



212121

Same Dimension

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



003224



00402E



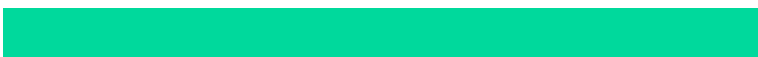
002732



171A19



005940



00D99C

Inverse Universe

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



32000E



400012



320B00



1A1718



590019



D9003D

Previews

White Background



This preview shows how the Hex color 003224 looks on a white background.

Color Contrast Check

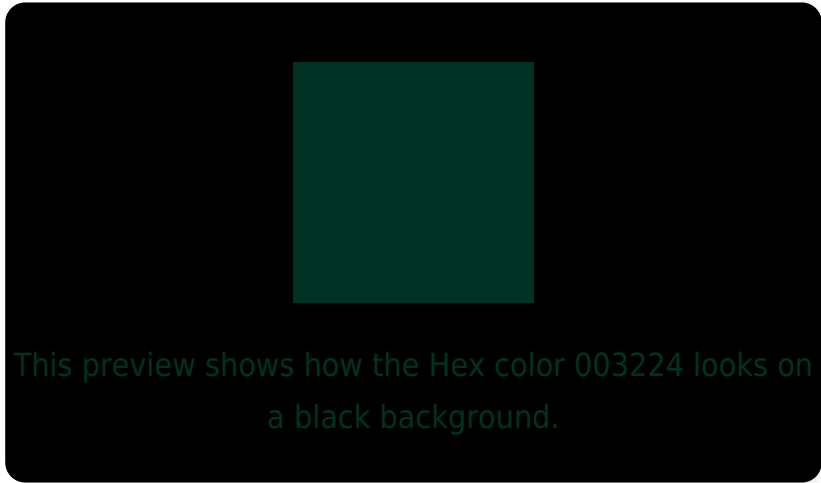
Large Text (above 18pt) WCAG AA ✓ Pass

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

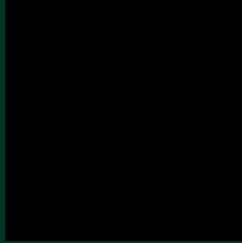
Any Text WCAG AA × Fail

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 003224 Background



This preview shows how black text looks on a background with the Hex color 003224.



This preview shows how white text looks on a background with the Hex color 003224.

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](#).

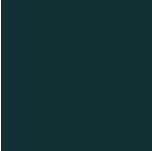
Dichromacy



Original Color
003224

Protanopia
2F2C21

Deuteranopia
322A26



Tritanopia
113034

Trichromacy



Original Color
003224

Protanomaly
1E2E22

Deuteranomaly
202D25

Tritanomaly
0B312E

Monochromacy



Original Color
003224

Achromatopsia
212121

Achromatomaly
152722

CSS Examples

Text

The CSS property to change the color of the text to Hex 003224 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 #003224 looks like.

```
.text, #text, p{  
    color:#003224  
}
```

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 #003224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003224
}
```

Border

The CSS property to change the border of an element to Hex 003224 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
#003224 }
```

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

```
.border{ border-color:#003224 }
```

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

Here you see how a box with a 4 pixel #003224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003224; -webkit-box-shadow:4px 4px  
4px 4px #003224; box-shadow:4px 4px 4px  
4px #003224 }
```

Background

The CSS property to change the background color of an element to Hex 003224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003224 }
```

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

```
.background{ background-color:#003224 }
```

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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