

Converting Colors

Hex(004234)

Have a look what the booklet for
Hex(004234) contains.

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Color

Hex(004234)

Conversions

Conversions Part 1

Format	Color
Hex	004234
RGB	0, 66, 52
RGB Percent	0%, 26%, 20%
CMY	1.0000, 0.7412, 0.7961
CMYK	1.00, 0.00, 0.21, 0.74
HSL	167°, 100%, 13%
HSV	167°, 100%, 26%
XYZ	2.5680, 4.1444, 3.9134
YIQ	44.6700, -34.8420, -18.3460

Conversions

Conversions Part 2

Format	Color
RYB	0, 37, 66
Decimal	16948
CIELab	24.14, -23.00, 3.21
CIELCh	24, 23.219, 172.055
Yxy	4.1444, 0.2417, 0.3900
Android (android.graphics.Color)	4278207028 (0xFF004234)
YUV	44.6700, 3.6137, -39.1756
Hunter-Lab	20.3577, -13.1089, 2.8530

Details

The Hex color **004234** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42000E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A7362**, and **001706** is the 20% darker color. If you saturate the color by 10%, you get **004234**, and if you desaturate by 10%, it is **074235**.

Distribution



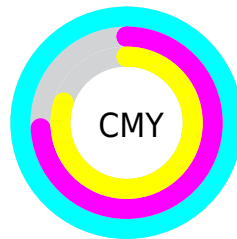
- Red (0%)
- Green (26%)
- Blue (20%)



- Red (0%)
- Yellow (15%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004234 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 004234 by changing the saturation by 10% instead.

 004234

 004234

 F7FFFF

 002B1F

 3A7362

 001706

 538C7B

 000000

 6DA795

 87C2B0

 A2DECB

 BEFBE7

 DAFFFF

 004234

■ 074235

■ 0D4237

■ 144238

■ 1A423A

■ 21423B

■ 28423C

■ 2E423E

■ 35423F

■ 3B4241

Harmonies

Analogous

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



224023



004234



004246

Triad

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



004234



33375A



54301E

Complementary

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



004234



42000E

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.



5A2C2D



004234



4A304F

Square

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



004234



0C3D5C



572B3F



483716

Rectangle

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



004234



004150



572B3F



572E23

Sweetspot

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



004234



3D5751



0E4200



1C2B28



ABABAB



2B2B2B

Same Dimension

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



004234



005744



002F42



1E2120



00614C



00E0B1

Inverse Universe

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



42000E



570012



421300



211E1F



610015



E00030

Previews

White Background



This preview shows how the Hex color 004234 looks on a white background.

Color Contrast Check

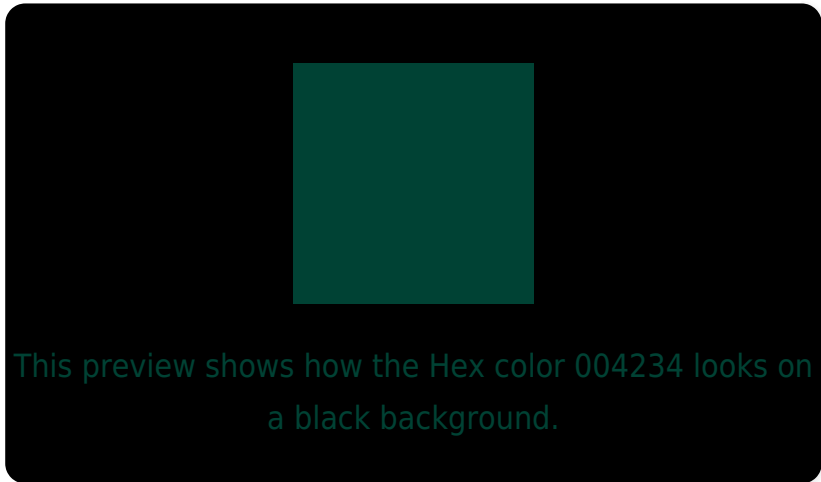
Large Text (above 18pt) WCAG AA ✓ Pass

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

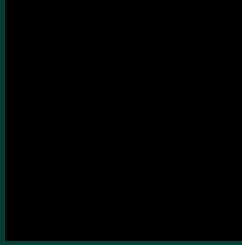
Any Text WCAG AA × Fail

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 004234 Background



This preview shows how black text looks on a background with the Hex color 004234.



This preview shows how white text looks on a background with the Hex color 004234.

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
004234

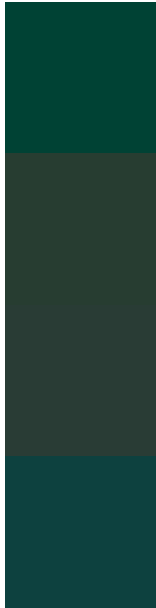
Protanopia
3D3A30

Deuteranopia
413836



Tritanopia
144045

Trichromacy



Original Color
004234

Protanomaly
273D31

Deuteranomaly
293C35

Tritanomaly
0D413F

Monochromacy



Original Color
004234

Achromatopsia
2D2D2D

Achromatomaly
1D3530

CSS Examples

Text

The CSS property to change the color of the text to Hex 004234 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 #004234 looks like.

```
.text, #text, p{  
    color:#004234  
}
```

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 #004234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004234
}
```

Border

The CSS property to change the border of an element to Hex 004234 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
#004234 }
```

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

```
.border{ border-color:#004234 }
```

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

Here you see how a box with a 4 pixel #004234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004234; -webkit-box-shadow:4px 4px  
4px 4px #004234; box-shadow:4px 4px 4px  
4px #004234 }
```

Background

The CSS property to change the background color of an element to Hex 004234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004234 }
```

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

```
.background{ background-color:#004234 }
```

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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