

Converting Colors

Hex(004334)

Have a look what the booklet for
Hex(004334) contains.

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Color

Hex(004334)

Conversions

Conversions Part 1

Format	Color
Hex	004334
RGB	0, 67, 52
RGB Percent	0%, 26%, 20%
CMY	1.0000, 0.7373, 0.7961
CMYK	1.00, 0.00, 0.22, 0.74
HSL	167°, 100%, 13%
HSV	167°, 100%, 26%
XYZ	2.6270, 4.2622, 3.9331
YIQ	45.2570, -35.1170, -18.8690

Conversions

Conversions Part 2

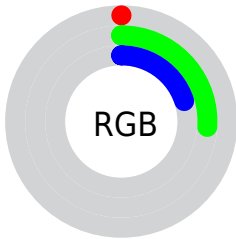
Format	Color
RYB	0, 38, 67
Decimal	17204
CIELab	24.52, -23.48, 3.75
CIELCh	25, 23.779, 170.928
Yxy	4.2622, 0.2427, 0.3938
Android (android.graphics.Color)	4278207284 (0xFF004334)
YUV	45.2570, 3.3243, -39.6904
Hunter-Lab	20.6452, -13.4160, 3.1565

Details

The Hex color **004334** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43000F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A7462**, and **001906** is the 20% darker color. If you saturate the color by 10%, you get **004334**, and if you desaturate by 10%, it is **074336**.

Distribution



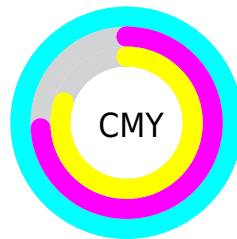
- Red (0%)
- Green (26%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (74%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004334 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 004334 by changing the saturation by 10% instead.

 004334

 004334

 F8FFFF

 002C1F

 3A7462

 001906

 538D7B

 000000

 6DA895

 88C3B0

 A3DFCB

 BEFCE7

 DBFFFF

 004334

■ 074336

■ 0D4337

■ 144339

■ 1B433A

■ 22433C

■ 28433D

■ 2F433F

■ 364340

■ 3C4342

Harmonies

Analogous

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



234123



004334



004346

Triad

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



004334



33385C



56311F

Complementary

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



004334



43000F

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.



5C2C2E



004334



4B3151

Square

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



004334



083E5D



592C40



4A3716

Rectangle

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



004334



004251



592C40



592F24

Sweetspot

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



004334



3D5751



104300



1C2B28



ABABAB



2B2B2B

Same Dimension

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



004334



005743



003143



1E2120



00614B



00E0AE

Inverse Universe

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



43000F



570013



431200



211E1F



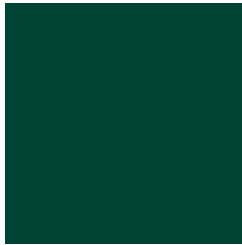
610016



E00032

Previews

White Background



This preview shows how the Hex color 004334 looks on a white background.

Color Contrast Check

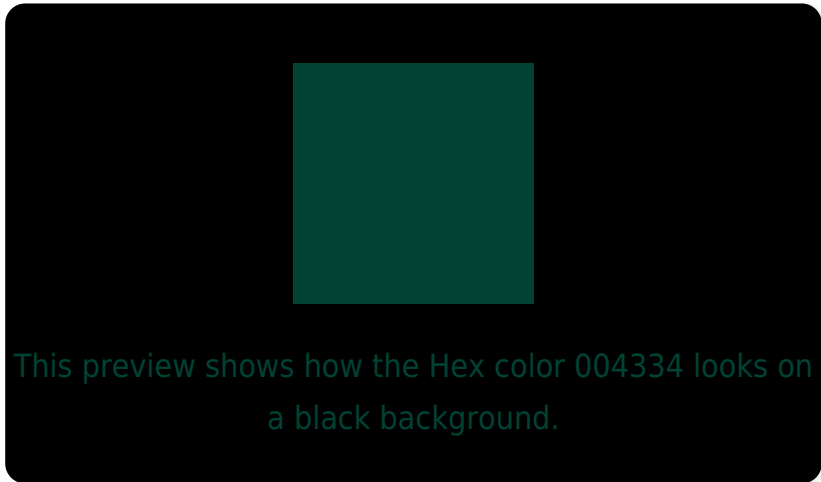
Large Text (above 18pt) WCAG AA ✓ Pass

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

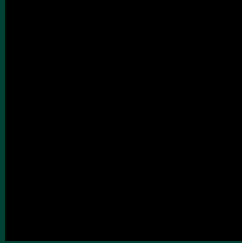
Any Text WCAG AA × Fail

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 004334 Background



This preview shows how black text looks on a background with the Hex color 004334.



This preview shows how white text looks on a background with the Hex color 004334.

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
004334

Protanopia
3E3B30

Deuteranopia
423936



Tritanopia
154146

Trichromacy



Original Color
004334

Protanomaly
273E31

Deuteranomaly
2A3D35

Tritanomaly
0D423F

Monochromacy



Original Color
004334

Achromatopsia
2D2D2D

Achromatomaly
1D3530

CSS Examples

Text

The CSS property to change the color of the text to Hex 004334 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 #004334 looks like.

```
.text, #text, p{  
    color:#004334  
}
```

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 #004334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004334
}
```

Border

The CSS property to change the border of an element to Hex 004334 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
#004334 }
```

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

```
.border{ border-color:#004334 }
```

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

Here you see how a box with a 4 pixel #004334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004334; -webkit-box-shadow:4px 4px  
4px 4px #004334; box-shadow:4px 4px 4px  
4px #004334 }
```

Background

The CSS property to change the background color of an element to Hex 004334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004334 }
```

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

```
.background{ background-color:#004334 }
```

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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