

Converting Colors

Hex(004242)

Have a look what the booklet for
Hex(004242) contains.

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Color

Hex(004242)

Conversions

Conversions Part 1

Format	Color
Hex	004242
RGB	0, 66, 66
RGB Percent	0%, 26%, 26%
CMY	1.0000, 0.7412, 0.7412
CMYK	1.00, 0.00, 0.00, 0.74
HSL	180°, 100%, 13%
HSV	180°, 100%, 26%
XYZ	2.9316, 4.2898, 5.8278
YIQ	46.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

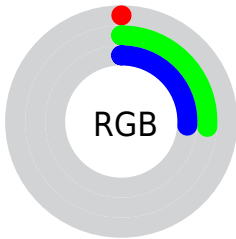
Format	Color
RYB	0, 33, 66
Decimal	16962
CIELab	24.61, -18.23, -5.36
CIELCh	25, 18.998, 196.386
Yxy	4.2898, 0.2247, 0.3287
Android (android.graphics.Color)	4278207042 (0xFF004242)
YUV	46.2660, 9.7289, -40.5753
Hunter-Lab	20.7118, -10.9804, -2.1844

Details

The Hex color **004242** is a dark color, and the websafe version is hex **003333**, and the color name is **warm black**. A complement of this color would be **420000**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3B7272**, and **001917** is the 20% darker color. If you saturate the color by 10%, you get **004242**, and if you desaturate by 10%, it is **074242**.

Distribution



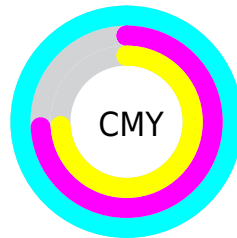
- Red (0%)
- Green (26%)
- Blue (26%)



- Red (0%)
- Yellow (13%)
- Blue (26%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004242 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 004242 by changing the saturation by 10% instead.

 004242

 004242

 FAFFFF

 002C2C

 3B7272

 001917

 558C8B

 000000

 6FA6A6

 8AC2C1

 A5DEDD

 C1FAF9

 DDFFFF

 004242

■ 074242

■ 0D4242

■ 144242

■ 1A4242

■ 214242

■ 284242

■ 2E4242

■ 354242

■ 3B4242

Harmonies

Analogous

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



194233



004242



00414F

Triad

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



004242



46344E



49371F

Complementary

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



004242



420000

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.



533226



004242



523042

Square

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



004242



323956



562F33



3C3C1E

Rectangle

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



004242



0E3F54



562F33



4D3620

Sweetspot

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



004242



3D5757



004200



1C2B2B



ABABAB



2B2B2B

Same Dimension

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



004242



005757



002142



1E2121



006161



00E0E0

Inverse Universe

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



420042



570057



422100



211E21



610061



E000E0

Previews

White Background



This preview shows how the Hex color 004242 looks on a white background.

Color Contrast Check

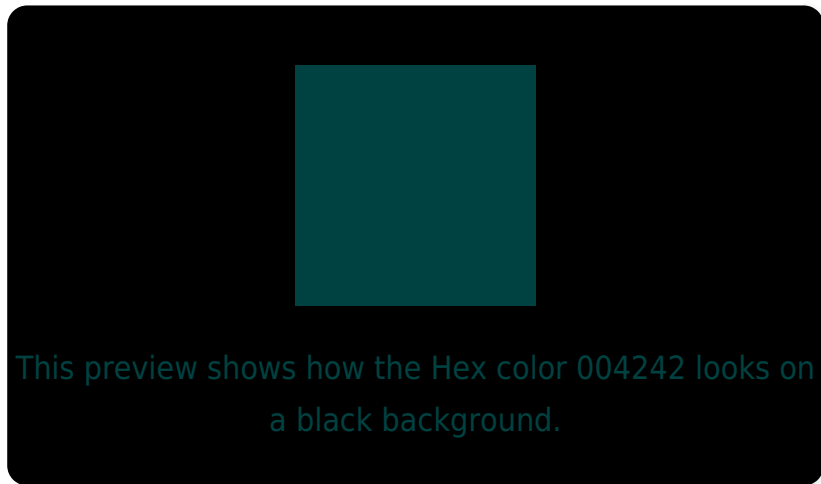
Large Text (above 18pt) WCAG AA ✓ Pass

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

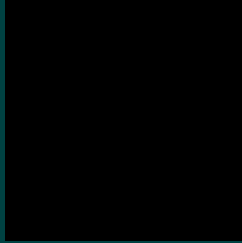
Any Text WCAG AA × Fail

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 004242 Background



This preview shows how black text looks on a background with the Hex color 004242.



This preview shows how white text looks on a background with the Hex color 004242.

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

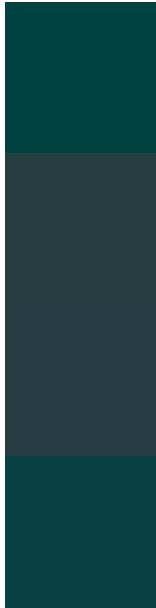


Original Color
004242

Protanopia
3B3B3D

Deuteranopia
3C3944

Trichromacy



Original Color
004242

Protanomaly
263E3F

Deuteranomaly
263C43

Tritanomaly
084145

Monochromacy



Original Color
004242

Achromatopsia
2E2E2E

Achromatomaly
1D3535

CSS Examples

Text

The CSS property to change the color of the text to Hex 004242 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 #004242 looks like.

```
.text, #text, p{  
    color:#004242  
}
```

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 #004242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004242
}
```

Border

The CSS property to change the border of an element to Hex 004242 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
#004242 }
```

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

```
.border{ border-color:#004242 }
```

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

Here you see how a box with a 4 pixel #004242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004242; -webkit-box-shadow:4px 4px  
4px 4px #004242; box-shadow:4px 4px 4px  
4px #004242 }
```

Background

The CSS property to change the background color of an element to Hex 004242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004242 }
```

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

```
.background{ background-color:#004242 }
```

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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