

Converting Colors

Hex(004424)

Have a look what the booklet for
Hex(004424) contains.

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Color

Hex(004424)

Conversions

Conversions Part 1

Format	Color
Hex	004424
RGB	0, 68, 36
RGB Percent	0%, 27%, 14%
CMY	1.0000, 0.7333, 0.8588
CMYK	1.00, 0.00, 0.47, 0.73
HSL	152°, 100%, 13%
HSV	152°, 100%, 27%
XYZ	2.3856, 4.2616, 2.3659
YIQ	44.0200, -30.2560, -24.3680

Conversions

Conversions Part 2

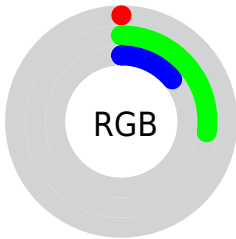
Format	Color
R_{YB}	0, 44, 68
Decimal	17444
CIE _{Lab}	24.52, -28.25, 14.05
CIE _{LCh}	25, 31.554, 153.561
Yxy	4.2616, 0.2647, 0.4728
Android (android.graphics.Color)	4278207524 (0xFF004424)
YUV	44.0200, -3.9539, -38.6055
Hunter-Lab	20.6437, -15.4992, 7.6555

Details

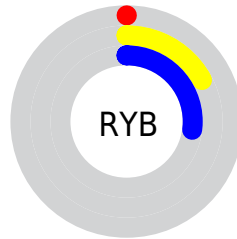
The Hex color **004424** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **440020**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3A7551**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **004424**, and if you desaturate by 10%, it is **074427**.

Distribution



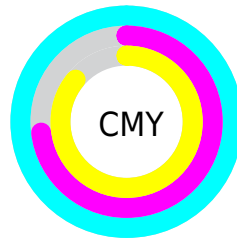
- Red (0%)
- Green (27%)
- Blue (14%)



- Red (0%)
- Yellow (17%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004424 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 004424 by changing the saturation by 10% instead.

 004424

 004424

 F7FFFF

 002D0F

 3A7551

 001800

 538F69

 000000

 6DAA82

 87C59D

 A2E1B8

 BEFED3

 DAFFF0

 004424

■ 074427

■ 0E442A

■ 14442E

■ 1B4431

■ 224434

■ 294437

■ 30443A

■ 36443E

■ 3D4441

Harmonies

Analogous

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



2B400F



004424



00463C

Triad

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



004424



003C6A



632821

Complementary

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



004424



440020

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.



652338



004424



3E3362

Square

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



004424



004265



592950



57310E

Rectangle

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



004424



00454D



592950



652529

Sweetspot

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



004424



3E594D



214400



1D2E26



ADADAD



2E2E2E

Same Dimension

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



004424



00592F



004344



1E2120



006133



00E077

Inverse Universe

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



440020



59002A



440100



211E1F



61002E



E0006A

Previews

White Background



This preview shows how the Hex color 004424 looks on a white background.

Color Contrast Check

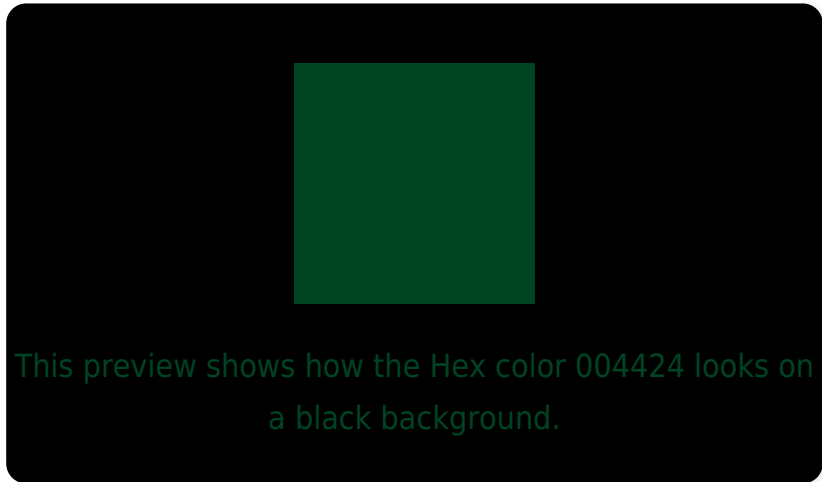
Large Text (above 18pt) WCAG AA ✓ Pass

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

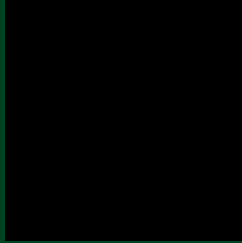
Any Text WCAG AA × Fail

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 004424 Background



This preview shows how black text looks on a background with the Hex color 004424.



This preview shows how white text looks on a background with the Hex color 004424.

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](#).

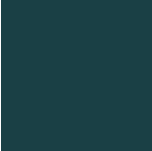
Dichromacy



Original Color
004424

Protanopia
413B21

Deuteranopia
463827



Tritanopia
1A4045

Trichromacy



Original Color
004424

Protanomaly
293E22

Deuteranomaly
2D3C26

Tritanomaly
114139

Monochromacy



Original Color
004424

Achromatopsia
2C2C2C

Achromatomaly
1C3529

CSS Examples

Text

The CSS property to change the color of the text to Hex 004424 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 #004424 looks like.

```
.text, #text, p{  
    color:#004424  
}
```

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 #004424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004424
}
```

Border

The CSS property to change the border of an element to Hex 004424 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
#004424 }
```

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

```
.border{ border-color:#004424 }
```

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

Here you see how a box with a 4 pixel #004424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004424; -webkit-box-shadow:4px 4px  
4px 4px #004424; box-shadow:4px 4px 4px  
4px #004424 }
```

Background

The CSS property to change the background color of an element to Hex 004424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004424 }
```

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

```
.background{ background-color:#004424 }
```

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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