

Converting Colors

Hex(044747)

Have a look what the booklet for
Hex(044747) contains.

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Color

Hex(044747)

Conversions

Conversions Part 1

Format	Color
Hex	044747
RGB	4, 71, 71
RGB Percent	2%, 28%, 28%
CMY	0.9843, 0.7216, 0.7216
CMYK	0.94, 0.00, 0.00, 0.72
HSL	180°, 89%, 15%
HSV	180°, 94%, 28%
XYZ	3.4406, 4.9872, 6.7425
YIQ	50.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

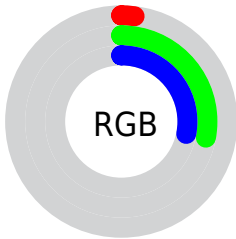
Format	Color
R_YB	4, 38, 71
Decimal	280391
CIE _{Lab}	26.70, -18.64, -5.51
CIE _{LCh}	27, 19.441, 196.458
Yxy	4.9872, 0.2268, 0.3287
Android (android.graphics.Color)	4278470471 (0xFF044747)
YUV	50.9670, 9.8763, -41.1901
Hunter-Lab	22.3321, -11.5802, -2.2684

Details

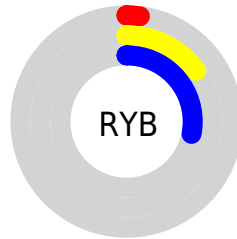
The Hex color **044747** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470404**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3F7877**, and **001D1C** is the 20% darker color. If you saturate the color by 10%, you get **004747**, and if you desaturate by 10%, it is **0B4747**.

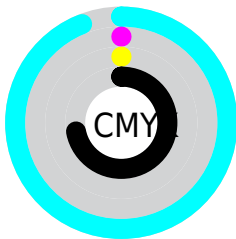
Distribution



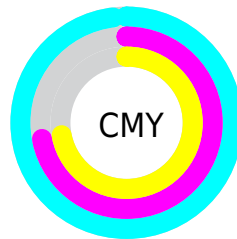
- Red (2%)
- Green (28%)
- Blue (28%)



- Red (2%)
- Yellow (15%)
- Blue (28%)



- Cyan (94%)
- Magenta (0%)
- Yellow (0%)
- Black (72%)



- Cyan (98%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044747 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 044747 by changing the saturation by 10% instead.

■ 044747

■ 044747

FFFFFF

■ 003031

■ 3F7877

■ 001D1C

■ 599291

■ 000000

■ 73ACAB

■ 8EC8C7

■ A9E4E3

■ C5FFFF

■ E2FFFF

■ 044747

■ 044747

■ 004747

■ 0B4747

■ 124747

■ 194747

■ 204747

■ 274747

■ 2F4747

■ 364747

■ 3D4747

■ 444747

Harmonies

Analogous

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



1D4738



044747



004654

Triad

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



044747



4B3854



4F3C22

Complementary

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



044747



470404

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.



58372A



044747



583446

Square

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



044747



373E5B



5C3437



414122

Rectangle

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



044747



13445A



5C3437



533A24

Sweetspot

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



044747



425C5C



044704



1E2E2E



ADADAD



2E2E2E

Same Dimension

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



044747



005C5C



042647



202424



006363



00E3E3

Inverse Universe

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



470447



5C005C



472604



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 044747 looks on a white background.

Color Contrast Check

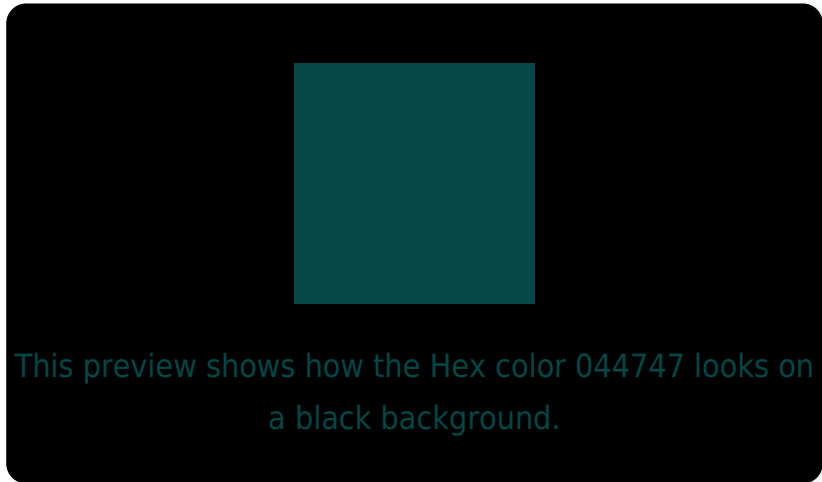
Large Text (above 18pt) WCAG AA ✓ Pass

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

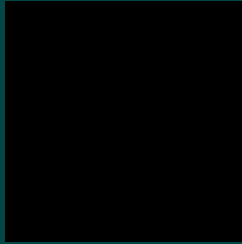
Any Text WCAG AA × Fail

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 044747 Background



This preview shows how black text looks on a background with the Hex color 044747.



This preview shows how white text looks on a background with the Hex color 044747.

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
044747

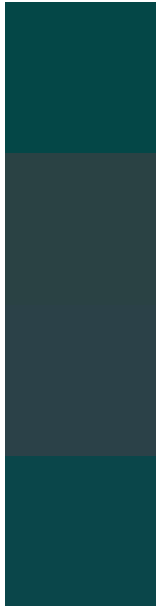
Protanopia
403F42

Deuteranopia
413E49



Tritanopia
0D464C

Trichromacy



Original Color
044747

Protanomaly
2A4244

Deuteranomaly
2B4148

Tritanomaly
0A464A

Monochromacy



Original Color
044747

Achromatopsia
333333

Achromatomaly
223A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 044747 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 #044747 looks like.

```
.text, #text, p{  
    color:#044747  
}
```

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 #044747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044747
}
```

Border

The CSS property to change the border of an element to Hex 044747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

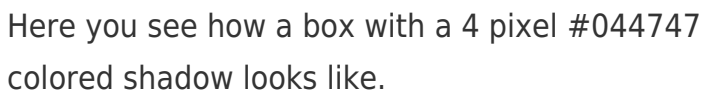
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#044747 }
```

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

```
.border{ border-color:#044747 }
```

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



Here you see how a box with a 4 pixel #044747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044747; -webkit-box-shadow:4px 4px  
4px 4px #044747; box-shadow:4px 4px 4px  
4px #044747 }
```

Background

The CSS property to change the background color of an element to Hex 044747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044747 }
```

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

```
.background{ background-color:#044747 }
```

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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