

Converting Colors

Hex(044F31)

Have a look what the booklet for
Hex(044F31) contains.

Hex(044F31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(044F31)

Conversions

Conversions Part 1

Format	Color
Hex	044F31
RGB	4, 79, 49
RGB Percent	2%, 31%, 19%
CMY	0.9843, 0.6902, 0.8078
CMYK	0.95, 0.00, 0.38, 0.69
HSL	156°, 90%, 16%
HSV	156°, 95%, 31%
XYZ	3.4004, 5.8395, 3.8537
YIQ	53.1550, -35.0700, -25.2300

Conversions

Conversions Part 2

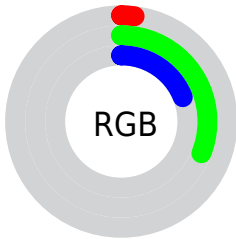
Format	Color
R_YB	4, 51, 79
Decimal	282417
CIE Lab	29.00, -29.23, 11.93
CIE LCh	29, 31.569, 157.800
Yxy	5.8395, 0.2597, 0.4460
Android (android.graphics.Color)	4278472497 (0xFF044F31)
YUV	53.1550, -2.0484, -43.1089
Hunter-Lab	24.1651, -17.1711, 7.4605

Details

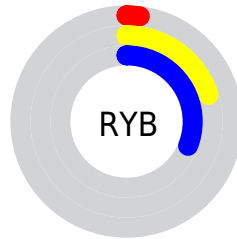
The Hex color **044F31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F0422**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **40815F**, and **002302** is the 20% darker color. If you saturate the color by 10%, you get **004F2F**, and if you desaturate by 10%, it is **0C4F34**.

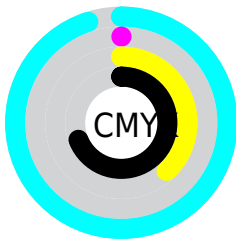
Distribution



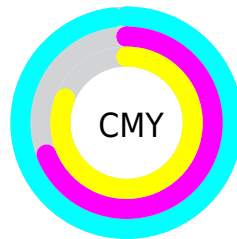
- Red (2%)
- Green (31%)
- Blue (19%)



- Red (2%)
- Yellow (20%)
- Blue (31%)



- Cyan (95%)
- Magenta (0%)
- Yellow (38%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044F31 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 044F31 by changing the saturation by 10% instead.

 044F31

 044F31

FFFFFF

 00381C

 40815F

 002302

 5A9B78

 000000

 74B692

 8FD2AC

 AAEFC8

 C6FFE4

 E2FFFF

 044F31

 044F31

■ 004F2F

■ 0C4F34

■ 144F37

■ 1C4F3A

■ 244F3E

■ 2C4F41

■ 334F44

■ 3B4F47

■ 434F4A

■ 4B4F4D

Harmonies

Analogous

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



324B1C



044F31



00504A

Triad

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



044F31



204575



6E3328

Complementary

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



044F31



4F0422

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.



712E3F



044F31



4E3B6B

Square

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



044F31



004C71



673257



603C16

Rectangle

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



044F31



00505A



673257



70312F

Sweetspot

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



044F31



49665B



224F04



22332C



B3B3B3



333333

Same Dimension

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



044F31



00663D



04474F



222625



00E68A

Inverse Universe

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



4F0422



660029



4F0B04



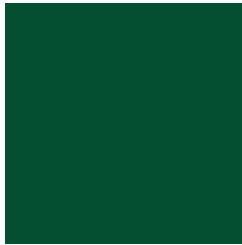
262224



E6005C

Previews

White Background



This preview shows how the Hex color 044F31 looks on a white background.

Color Contrast Check

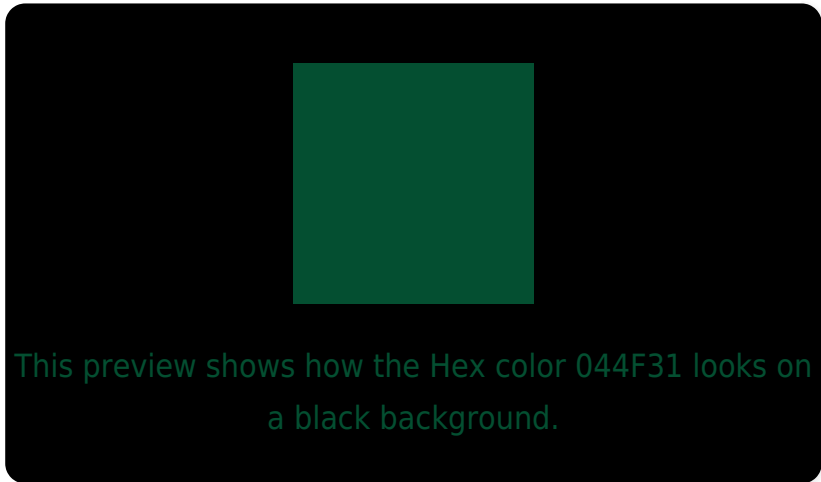
Large Text (above 18pt) WCAG AA ✓ Pass

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

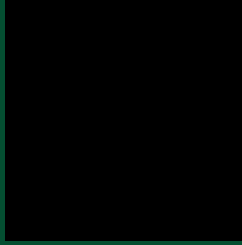
Any Text WCAG AA × Fail

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 044F31 Background



This preview shows how black text looks on a background with the Hex color 044F31.



This preview shows how white text looks on a background with the Hex color 044F31.

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
044F31

Protanopia
4A452D

Deuteranopia
514234



Tritanopia
1C4B51

Trichromacy



Original Color
044F31

Protanomaly
31492E

Deuteranomaly
354733

Tritanomaly
134C45

Monochromacy



Original Color
044F31

Achromatopsia
353535

Achromatomaly
233E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 044F31 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 #044F31 looks like.

```
.text, #text, p{  
    color:#044F31  
}
```

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 #044F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044F31
}
```

Border

The CSS property to change the border of an element to Hex 044F31 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
#044F31 }
```

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

```
.border{ border-color:#044F31 }
```

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

Here you see how a box with a 4 pixel #044F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044F31; -webkit-box-shadow:4px 4px  
4px 4px #044F31; box-shadow:4px 4px 4px  
4px #044F31 }
```

Background

The CSS property to change the background color of an element to Hex 044F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044F31 }
```

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

```
.background{ background-color:#044F31 }
```

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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