

Converting Colors

Hex(034F22)

Have a look what the booklet for
Hex(034F22) contains.

Hex(034F22)	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(034F22)

Conversions

Conversions Part 1

Format	Color
Hex	034F22
RGB	3, 79, 34
RGB Percent	1%, 31%, 13%
CMY	0.9882, 0.6902, 0.8667
CMYK	0.96, 0.00, 0.57, 0.69
HSL	144°, 93%, 16%
HSV	144°, 96%, 31%
XYZ	3.1223, 5.7268, 2.4542
YIQ	51.1460, -30.8510, -30.1070

Conversions

Conversions Part 2

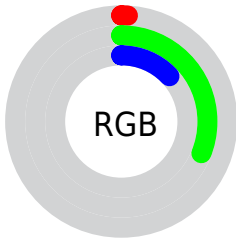
Format	Color
R_{YB}	3, 57, 79
Decimal	216866
CIE Lab	28.71, -32.59, 20.60
CIE LCh	29, 38.555, 147.712
Yxy	5.7268, 0.2762, 0.5067
Android (android.graphics.Color)	4278406946 (0xFF034F22)
YUV	51.1460, -8.4530, -42.2240
Hunter-Lab	23.9308, -18.5898, 10.6711

Details

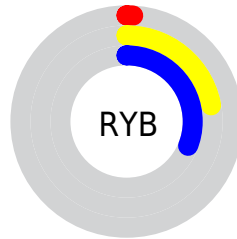
The Hex color **034F22** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4F0330**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3F8150**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **004F20**, and if you desaturate by 10%, it is **0B4F27**.

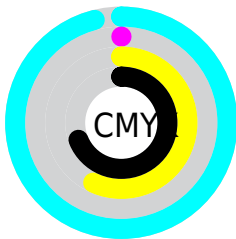
Distribution



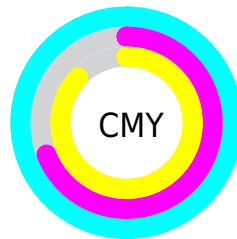
- Red (1%)
- Green (31%)
- Blue (13%)



- Red (1%)
- Yellow (22%)
- Blue (31%)



- Cyan (96%)
- Magenta (0%)
- Yellow (57%)
- Black (69%)



- Cyan (99%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034F22 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 034F22 by changing the saturation by 10% instead.

 034F22

 034F22


FFFFFF

 00370C

 3F8150

 002300

 599B68

 000000

 74B781

 8ED29B

 AAEFB6

 C6FFD2

 E2FFEE

 034F22

 034F22

■ 004F20

■ 0B4F27

■ 134F2B

■ 1B4F30

■ 234F35

■ 2B4F39

■ 324F3E

■ 3A4F43

■ 424F47

■ 4A4F4C

Harmonies

Analogous

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



374A07



034F22



005140

Triad

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



034F22



00487F



77292A

Complementary

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



034F22



4F0330

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.



772647



034F22



3F3D79

Square

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



034F22



004F76



652F64



6A3610

Rectangle

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



034F22



005255



652F64



792733

Sweetspot

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



034F22



486654



314F03



213328



B3B3B3



333333

Same Dimension

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



034F22



00662A



034F47



222624



00E65E

Inverse Universe

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



4F0330



66003C



4F030B



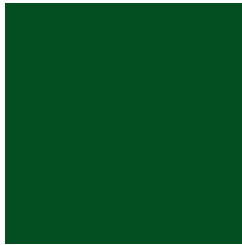
262225



E60088

Previews

White Background



This preview shows how the Hex color 034F22 looks on a white background.

Color Contrast Check

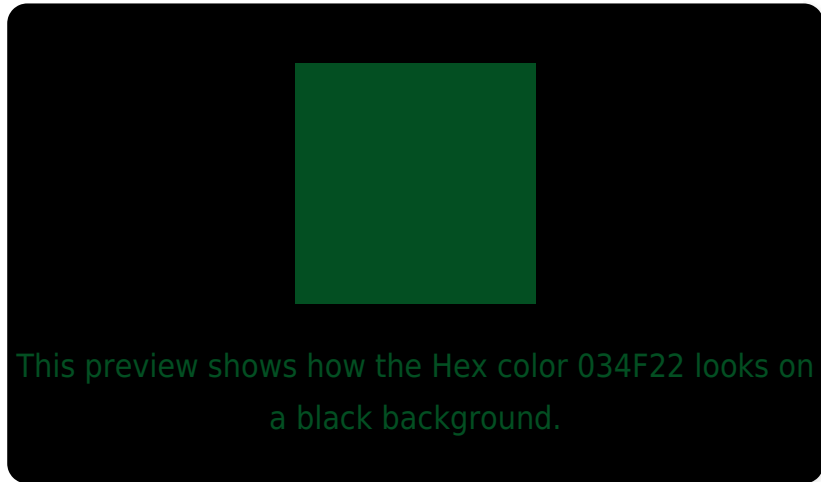
Large Text (above 18pt) WCAG AA ✓ Pass

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 034F22 Background



This preview shows how black text looks on a background with the Hex color 034F22.



This preview shows how white text looks on a background with the Hex color 034F22.

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
034F22

Protanopia
4B441F

Deuteranopia
534126



Tritanopia
1F4A50

Trichromacy



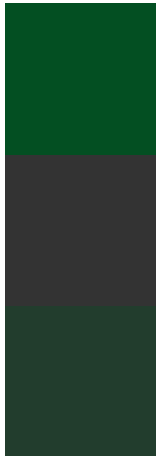
Original Color
034F22

Protanomaly
314820

Deuteranomaly
364625

Tritanomaly
154C3F

Monochromacy



Original Color
034F22

Achromatopsia
333333

Achromatomaly
223D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 034F22 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 #034F22 looks like.

```
.text, #text, p{  
    color:#034F22  
}
```

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 #034F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034F22
}
```

Border

The CSS property to change the border of an element to Hex 034F22 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
#034F22 }
```

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

```
.border{ border-color:#034F22 }
```

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

Here you see how a box with a 4 pixel #034F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034F22; -webkit-box-shadow:4px 4px  
4px 4px #034F22; box-shadow:4px 4px 4px  
4px #034F22 }
```

Background

The CSS property to change the background color of an element to Hex 034F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034F22 }
```

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

```
.background{ background-color:#034F22 }
```

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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