

# Converting Colors

Hex(003F22)

Have a look what the booklet for  
Hex(003F22) contains.

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# Color

Hex(003F22)

# Conversions

## Conversions Part 1

Format	Color
Hex	003F22
RGB	0, 63, 34
RGB Percent	0%, 25%, 13%
CMY	1.0000, 0.7529, 0.8667
CMYK	1.00, 0.00, 0.46, 0.75
HSL	152°, 100%, 12%
HSV	152°, 100%, 25%
XYZ	2.0662, 3.6705, 2.1129
YIQ	40.8570, -28.2390, -22.3750

# Conversions

## Conversions Part 2

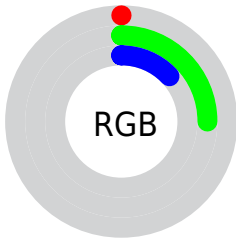
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 41, 63
Decimal	16162
CIELab	22.55, -26.62, 12.72
CIELCh	23, 29.505, 154.458
Yxy	3.6705, 0.2632, 0.4676
Android (android.graphics.Color)	4278206242 (0xFF003F22)
YUV	40.8570, -3.3805, -35.8316
Hunter-Lab	19.1586, -14.2764, 6.8721

# Details

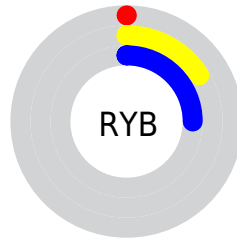
The Hex color **003F22** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3F001D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **386F4F**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **003F22**, and if you desaturate by 10%, it is **063F25**.

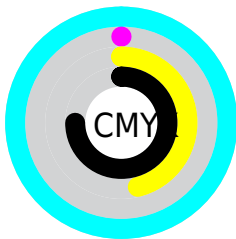
# Distribution



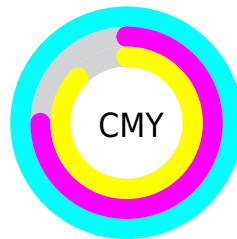
- Red (0%)
- Green (25%)
- Blue (13%)



- Red (0%)
- Yellow (16%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003F22 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 003F22 by changing the saturation by 10% instead.



 003F22

 003F22

 F4FFFF

 00290D

 386F4F

 001000

 518967

 000000

 6AA480

 85BF9A

 A0DBB5

 BBF7D0

 D7FFED

 003F22

■ 063F25

■ 0D3F28

■ 133F2B

■ 193F2E

■ 203F31

■ 263F33

■ 2C3F36

■ 323F39

■ 393F3C

# Harmonies

## Analogous

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



283C0F



003F22



004039

# Triad

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



003F22



053762



5B251E

# Complementary

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



003F22



3F001D

# 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.



5D2133



003F22



3B2F5A

# Square

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



003F22



003D5D



532549



502E0D

# Rectangle

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



003F22



004047



532549



5D2325



# Sweetspot

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



003F22



395246



1D3F00



1A2922



A8A8A8



292929



# Same Dimension

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



003F22



00522C



003D3F



1C1F1D



005E33



00DE78



# Inverse Universe

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



3F001D



520026



3F0200



1F1C1D



5E002B



DE0066



# Previews

## White Background



This preview shows how the Hex color 003F22 looks on a white background.

## Color Contrast Check

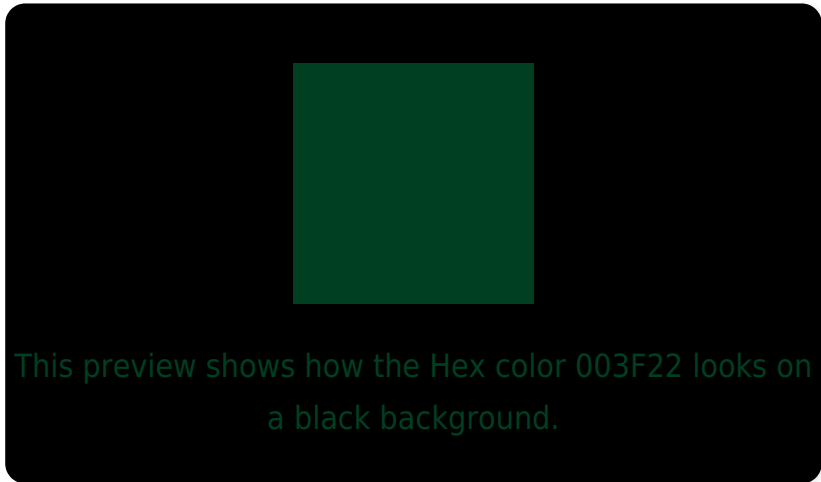
Large Text (above 18pt) WCAG AA ✓ Pass

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

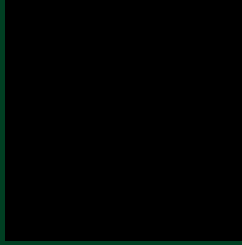
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 003F22 Background



This preview shows how black text looks on a background with the Hex color 003F22.

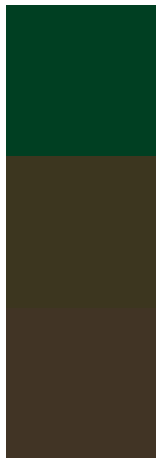


This preview shows how white text looks on a background with the Hex color 003F22.

# 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](#).

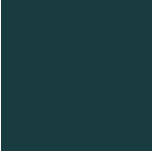
## Dichromacy



**Original Color**  
003F22

**Protanopia**  
3C361F

**Deuteranopia**  
413425



**Tritanopia**  
183C40

# Trichromacy



**Original Color**  
003F22

**Protanomaly**  
263920

**Deuteranomaly**  
293824

**Tritanomaly**  
0F3D35

# Monochromacy



**Original Color**  
003F22

**Achromatopsia**  
292929

**Achromatomaly**  
1A3126

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003F22 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 #003F22 looks like.

```
.text, #text, p{  
    color:#003F22  
}
```

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 #003F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F22
}
```

## Border

The CSS property to change the border of an element to Hex 003F22 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
#003F22 }
```

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

```
.border{ border-color:#003F22 }
```

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

Here you see how a box with a 4 pixel #003F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F22; -webkit-box-shadow:4px 4px  
4px 4px #003F22; box-shadow:4px 4px 4px  
4px #003F22 }
```

# Background

The CSS property to change the background color of an element to Hex 003F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F22 }
```

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

```
.background{ background-color:#003F22 }
```

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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