

Converting Colors

Hex(3F9022)

Have a look what the booklet for
Hex(3F9022) contains.

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Color

Hex(3F9022)

Conversions

Conversions Part 1

Format	Color
Hex	3F9022
RGB	63, 144, 34
RGB Percent	25%, 56%, 13%
CMY	0.7529, 0.4353, 0.8667
CMYK	0.56, 0.00, 0.76, 0.44
HSL	104°, 62%, 35%
HSV	104°, 76%, 56%
XYZ	12.3119, 21.1188, 4.9408
YIQ	107.2410, -12.9660, -51.3820

Conversions

Conversions Part 2

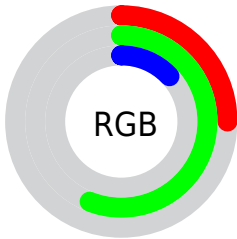
Format	Color
RYB	34, 144, 115
Decimal	4165666
CIELab	53.08, -44.77, 47.77
CIELCh	53, 65.466, 133.144
Yxy	21.1188, 0.3209, 0.5504
Android (android.graphics.Color)	4282355746 (0xFF3F9022)
YUV	107.2410, -36.1078, -38.7994
Hunter-Lab	45.9552, -32.5994, 25.7941

Details

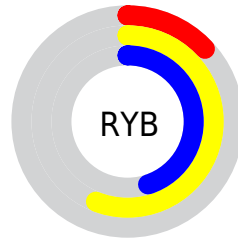
The Hex color **3F9022** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **732290**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **77C757**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **349014**, and if you desaturate by 10%, it is **4A9030**.

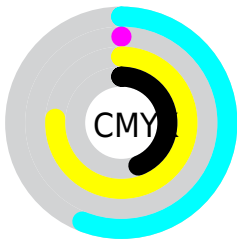
Distribution



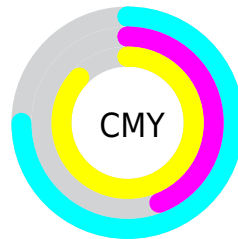
- Red (25%)
- Green (56%)
- Blue (13%)



- Red (13%)
- Yellow (56%)
- Blue (45%)



- Cyan (56%)
- Magenta (0%)
- Yellow (76%)
- Black (44%)



- Cyan (75%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9022 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 3F9022 by changing the saturation by 10% instead.



3F9022



3F9022

FFFFFF



1F7600



77C757



005C00



93E371



004400



AFFF8C



002E00



CCFFA7



001300



EAFFC3



000000



FFFFDF



FFFFFC



3F9022



3F9022

■ 349014

■ 4A9030

■ 2A9005

■ 54903F

■ 269000

■ 5F904D

■ 69905C

■ 74906A

■ 7F9078

■ 899087

■ 949095

■ 9E90A4

Harmonies

Analogous

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



828400



3F9022



00965C

Triad

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



3F9022



008EEB



E24268

Complementary

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



3F9022



732290

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.



D349A1



3F9022



1F7DED

Square

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



3F9022



0096CB



A064D2



D55733

Rectangle

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



3F9022



009883



A064D2



E1417B

Sweetspot

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



3F9022



9BBA8F



907322



4B5E44



DEDEDE



5E5E5E

Same Dimension

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



3F9022



3CBA0F



22903C



424740



248700



020800

Inverse Universe

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



732290



8D0FBA



902276



464047



640087



060008

Previews

White Background



This preview shows how the Hex color 3F9022 looks on a white background.

Color Contrast Check

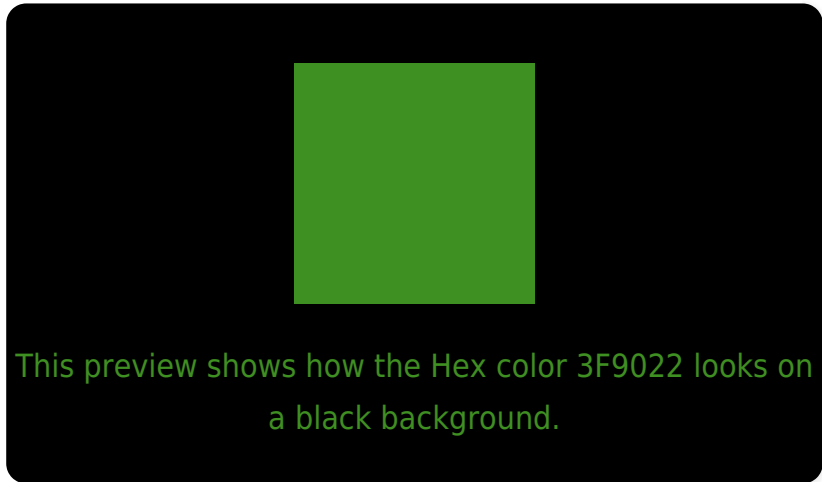
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

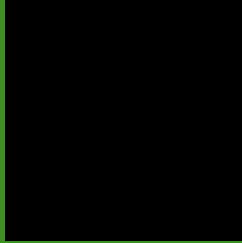
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3F9022 Background



This preview shows how black text looks on a background with the Hex color 3F9022.



This preview shows how white text looks on a background with the Hex color 3F9022.

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
3F9022

Protanopia
8E7E1D

Deuteranopia
9D782C



Tritanopia
548691

Trichromacy



Original Color
3F9022



Protanomaly
71851F



Deuteranomaly
7B8128



Tritanomaly
4C8A69

Monochromacy



Original Color
3F9022



Achromatopsia
6B6B6B



Achromatomaly
5B7850

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9022 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 #3F9022 looks like.

```
.text, #text, p{  
    color:#3F9022  
}
```

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 #3F9022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9022
}
```

Border

The CSS property to change the border of an element to Hex 3F9022 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
#3F9022 }
```

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

```
.border{ border-color:#3F9022 }
```

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

Here you see how a box with a 4 pixel #3F9022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9022; -webkit-box-shadow:4px 4px  
4px 4px #3F9022; box-shadow:4px 4px 4px  
4px #3F9022 }
```

Background

The CSS property to change the background color of an element to Hex 3F9022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9022 }
```

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

```
.background{ background-color:#3F9022 }
```

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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