

Converting Colors

Hex(3F9132)

Have a look what the booklet for
Hex(3F9132) contains.

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Color

Hex(3F9132)

Conversions

Conversions Part 1

Format	Color
Hex	3F9132
RGB	63, 145, 50
RGB Percent	25%, 57%, 20%
CMY	0.7529, 0.4314, 0.8039
CMYK	0.57, 0.00, 0.66, 0.43
HSL	112°, 49%, 38%
HSV	112°, 66%, 57%
XYZ	12.7510, 21.5378, 6.5028
YIQ	109.6520, -18.3770, -46.9290

Conversions

Conversions Part 2

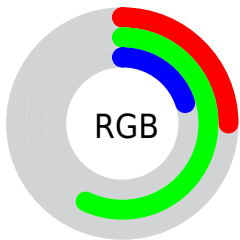
Format	Color
RYB	50, 145, 132
Decimal	4165938
CIELab	53.53, -43.75, 41.71
CIElCh	54, 60.447, 136.370
Yxy	21.5378, 0.3126, 0.5280
Android (android.graphics.Color)	4282356018 (0xFF3F9132)
YUV	109.6520, -29.4084, -40.9138
Hunter-Lab	46.4089, -32.1720, 24.1785

Details

The Hex color **3F9132** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **843291**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **77C865**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **329123**, and if you desaturate by 10%, it is **4C9141**.

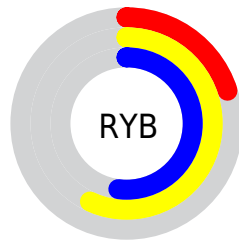
Distribution



Red (25%)

Green (57%)

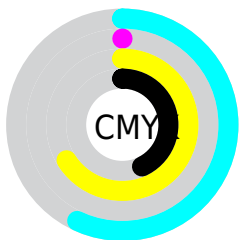
Blue (20%)



Red (20%)

Yellow (57%)

Blue (52%)

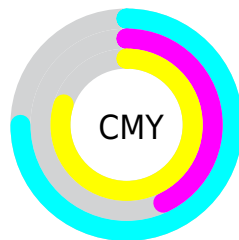


Cyan (57%)

Magenta (0%)

Yellow (66%)

Black (43%)



Cyan (75%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9132 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 3F9132 by changing the saturation by 10% instead.



3F9132



3F9132

FFFFFF



207718



77C865



005D00



92E47F



004500



AFFF99



002E00



CBFFB5



001500



E8FFD1



000000



FFFFED



3F9132



3F9132



329123



4C9141

■ 269115

■ 58914F

■ 199106

■ 65915E

■ 149100

■ 71916C

■ 7E917B

■ 8A9189

■ 979198

■ A391A6

■ B091B4

Harmonies

Analogous

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



7E8600



3F9132



009766

Triad

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



3F9132



008DE5



DD4C66

Complementary

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



3F9132



843291

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.



D14F9A



3F9132



4B7CE4

Square

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



3F9132



0095CA



A665C8



CE5F36

Rectangle

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



3F9132



00988A



A665C8



DC4A77

Sweetspot

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



3F9132



9CBD97



918332



4B5E48



DEDEDE



5E5E5E

Same Dimension

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



3F9132



3CBD28



329153



414740



128700



010800

Inverse Universe

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



843291



A828BD



913270



464047



750087



070008

Previews

White Background



This preview shows how the Hex color 3F9132 looks on a white background.

Color Contrast Check

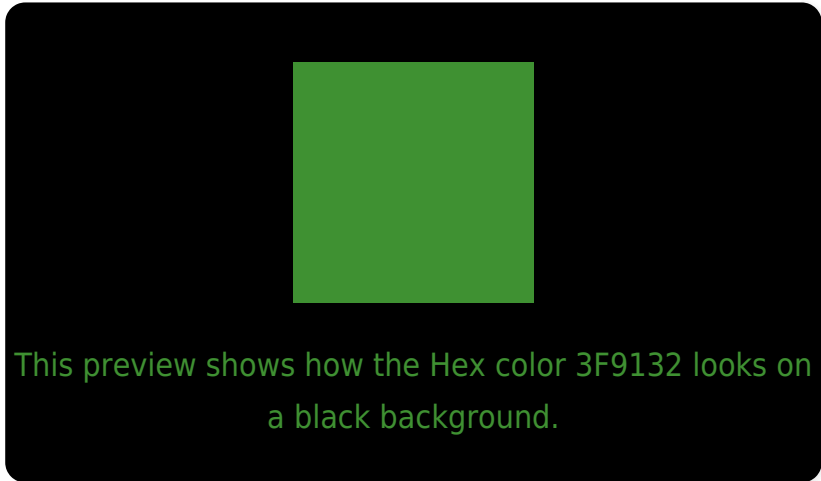
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F9132 Background



This preview shows how black text looks on a background with the Hex color 3F9132.



This preview shows how white text looks on a background with the Hex color 3F9132.

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





Tritanopia
538893

Trichromacy



Original Color
3F9132

Protanomaly
71862F

Deuteranomaly
7B8237

Tritanomaly
4C8B70

Monochromacy



Original Color
3F9132

Achromatopsia
6E6E6E

Achromatomaly
5D7B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9132 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 #3F9132 looks like.

```
.text, #text, p{  
    color:#3F9132  
}
```

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 #3F9132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9132
}
```

Border

The CSS property to change the border of an element to Hex 3F9132 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
#3F9132 }
```

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

```
.border{ border-color:#3F9132 }
```

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

Here you see how a box with a 4 pixel #3F9132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9132; -webkit-box-shadow:4px 4px  
4px 4px #3F9132; box-shadow:4px 4px 4px  
4px #3F9132 }
```

Background

The CSS property to change the background color of an element to Hex 3F9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9132 }
```

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

```
.background{ background-color:#3F9132 }
```

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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