

Converting Colors

Hex(3F9250)

Have a look what the booklet for
Hex(3F9250) contains.

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Color

Hex(3F9250)

Conversions

Conversions Part 1

Format	Color
Hex	3F9250
RGB	63, 146, 80
RGB Percent	25%, 57%, 31%
CMY	0.7529, 0.4275, 0.6863
CMYK	0.57, 0.00, 0.45, 0.43
HSL	132°, 40%, 41%
HSV	132°, 57%, 57%
XYZ	13.7768, 22.1937, 11.1471
YIQ	113.6590, -28.2820, -38.1220

Conversions

Conversions Part 2

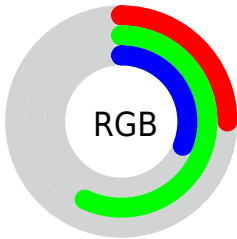
Format	Color
RYB	63, 132, 146
Decimal	4166224
CIELab	54.23, -40.08, 27.53
CIELCh	54, 48.620, 145.516
Yxy	22.1937, 0.2924, 0.4710
Android (android.graphics.Color)	4282356304 (0xFF3F9250)
YUV	113.6590, -16.5939, -44.4279
Hunter-Lab	47.1102, -30.2429, 18.9481

Details

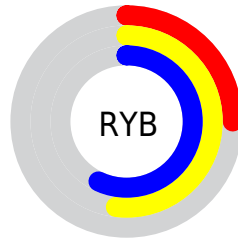
The Hex color **3F9250** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **923F81**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **76C982**, and **005E21** is the 20% darker color. If you saturate the color by 10%, you get **309244**, and if you desaturate by 10%, it is **4E925C**.

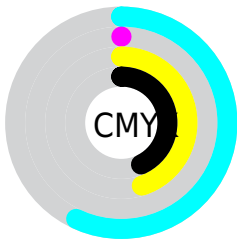
Distribution



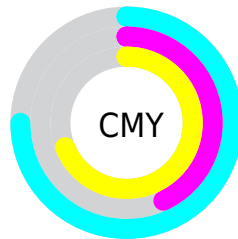
- Red (25%)
- Green (57%)
- Blue (31%)



- Red (25%)
- Yellow (52%)
- Blue (57%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (43%)



- Cyan (75%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9250 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 3F9250 by changing the saturation by 10% instead.

 3F9250

 3F9250

FFFFFF

 217838

 76C982

 005E21

 91E59D

 00460A

 ADFFB8

 002F00

 CAFFD4

 001700

 E7FFF0

 000000

 3F9250

 3F9250

 309244

 4E925C

 229239

 5C9267

■ 13922D

■ 6B9273

■ 059222

■ 79927E

■ 00921E

■ 88928A

■ 979296

■ A592A1

■ B492AD

■ C292B8

Harmonies

Analogous

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



758A31



3F9250



00967A

Triad

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



3F9250



0088D5



CE5F60

Complementary

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



3F9250



923F81

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.



CB5C8A



3F9250



7979CE

Square

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



3F9250



0092C6



AF68B2



BD6D3D

Rectangle

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



3F9250



009697



AF68B2



CF5D6E

Sweetspot

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



3F9250



9DBDA3



81923F



4B5E4F



DEDEDE



5E5E5E

Same Dimension

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



3F9250



3CBD57



3F9279



434A44



008A1C



000A02

Inverse Universe

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



923F81



BD3CA2



923F58



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 3F9250 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 3F9250 Background



This preview shows how black text looks on a background with the Hex color 3F9250.



This preview shows how white text looks on a background with the Hex color 3F9250.

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
3F9250

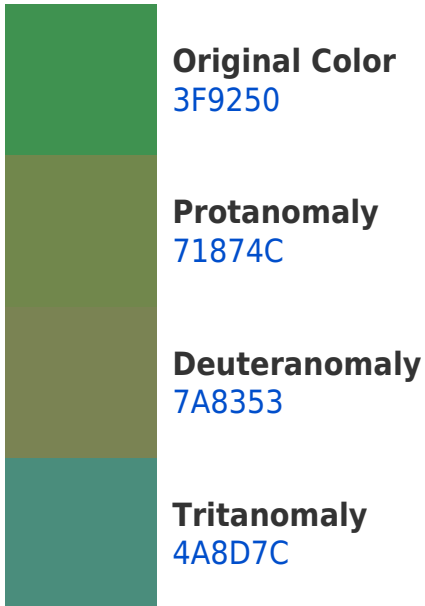
Protanopia
8D814A

Deuteranopia
9B7B55



Tritanopia
518A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9250 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 #3F9250 looks like.

```
.text, #text, p{  
    color:#3F9250  
}
```

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 #3F9250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9250
}
```

Border

The CSS property to change the border of an element to Hex 3F9250 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
#3F9250 }
```

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

```
.border{ border-color:#3F9250 }
```

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

Here you see how a box with a 4 pixel #3F9250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9250; -webkit-box-shadow:4px 4px  
4px 4px #3F9250; box-shadow:4px 4px 4px  
4px #3F9250 }
```

Background

The CSS property to change the background color of an element to Hex 3F9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9250 }
```

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

```
.background{ background-color:#3F9250 }
```

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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