

Converting Colors

Hex(3F9156)

Have a look what the booklet for
Hex(3F9156) contains.

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Color

Hex(3F9156)

Conversions

Conversions Part 1

Format	Color
Hex	3F9156
RGB	63, 145, 86
RGB Percent	25%, 57%, 34%
CMY	0.7529, 0.4314, 0.6627
CMYK	0.57, 0.00, 0.41, 0.43
HSL	137°, 39%, 41%
HSV	137°, 57%, 57%
XYZ	13.8550, 21.9794, 12.3163
YIQ	113.7560, -29.9330, -35.7330

Conversions

Conversions Part 2

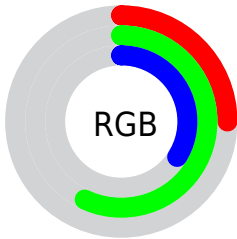
Format	Color
R _Y B	63, 127, 145
Decimal	4165974
CIE Lab	54.01, -38.60, 23.97
CIE LCh	54, 45.442, 148.158
Yxy	21.9794, 0.2877, 0.4565
Android (android.graphics.Color)	4282356054 (0xFF3F9156)
YUV	113.7560, -13.6837, -44.5130
Hunter-Lab	46.8822, -29.2922, 17.2416

Details

The Hex color **3F9156** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **913F7A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **75C888**, and **005E27** is the 20% darker color. If you saturate the color by 10%, you get **30914C**, and if you desaturate by 10%, it is **4E9160**.

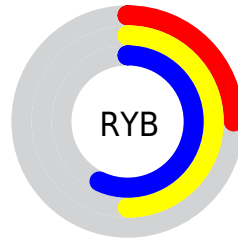
Distribution



Red (25%)

Green (57%)

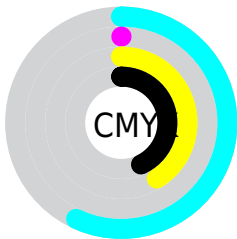
Blue (34%)



Red (25%)

Yellow (50%)

Blue (57%)

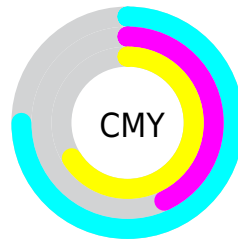


Cyan (57%)

Magenta (0%)

Yellow (41%)

Black (43%)



Cyan (75%)

Magenta (43%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9156 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 3F9156 by changing the saturation by 10% instead.

 3F9156

 3F9156


FFFFFF

 22773E


 75C888

 005E27

 91E4A3

 004511

 ADFFBE

 002E00

 C9FFDA

 001700

 E6FFF7

 000000

 3F9156

 3F9156

 30914C

 4E9160

 229141

 5C916B

■ 139137

■ 6B9175

■ 05912C

■ 799180

■ 009129

■ 88918A

■ 969195

■ A4919F

■ B391A9

■ C191B4

Harmonies

Analogous

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



728A38



3F9156



00947D

Triad

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



3F9156



2586CF



C8635E

Complementary

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



3F9156



913F7A

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.



C75F85



3F9156



7F78C6

Square

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



3F9156



0090C3



AF68AB



B7703F

Rectangle

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



3F9156



009598



AF68AB



CA606B

Sweetspot

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



3F9156



9DBDA6



7B913F



4B5E51



DEDEDE



5E5E5E

Same Dimension

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



3F9156



3CBD60



3F917E



404742



008726



000802

Inverse Universe

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



913F7A



BD3C99



913F52



474045



870061



080006

Previews

White Background



This preview shows how the Hex color 3F9156 looks on a white background.

Color Contrast Check

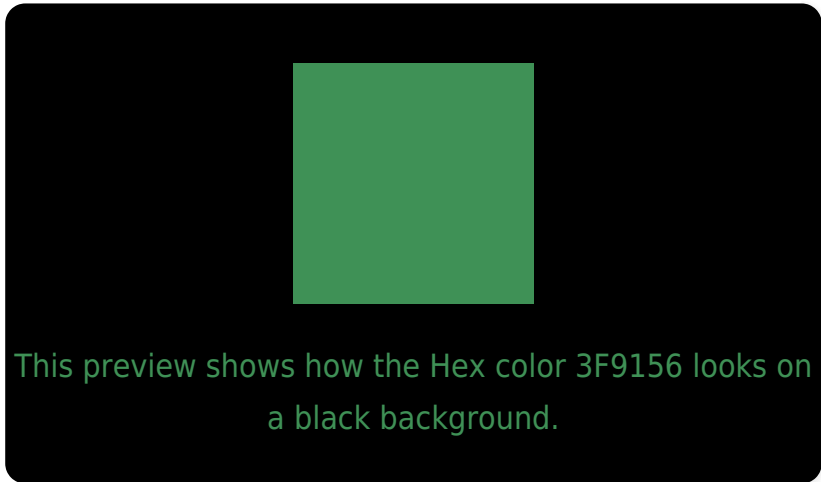
Large Text (above 18pt) WCAG AA ✓ Pass

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

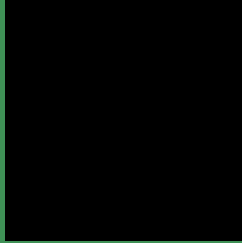
Any Text WCAG AA ✓ Pass

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 3F9156 Background



This preview shows how black text looks on a background with the Hex color 3F9156.



This preview shows how white text looks on a background with the Hex color 3F9156.

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
3F9156

Protanopia
8C804F

Deuteranopia
997B5B



Tritanopia
508A95

Trichromacy



Original Color
3F9156



Protanomaly
708652



Deuteranomaly
788359



Tritanomaly
4A8D7E

Monochromacy



Original Color
3F9156



Achromatopsia
727272



Achromatomaly
5F7D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9156 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 #3F9156 looks like.

```
.text, #text, p{  
    color:#3F9156  
}
```

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 #3F9156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9156
}
```

Border

The CSS property to change the border of an element to Hex 3F9156 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
#3F9156 }
```

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

```
.border{ border-color:#3F9156 }
```

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

Here you see how a box with a 4 pixel #3F9156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9156; -webkit-box-shadow:4px 4px  
4px 4px #3F9156; box-shadow:4px 4px 4px  
4px #3F9156 }
```

Background

The CSS property to change the background color of an element to Hex 3F9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9156 }
```

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

```
.background{ background-color:#3F9156 }
```

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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