

Converting Colors

Hex(3F9559)

Have a look what the booklet for
Hex(3F9559) contains.

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Color

Hex(3F9559)

Conversions

Conversions Part 1

Format	Color
Hex	3F9559
RGB	63, 149, 89
RGB Percent	25%, 58%, 35%
CMY	0.7529, 0.4157, 0.6510
CMYK	0.58, 0.00, 0.40, 0.42
HSL	138°, 41%, 42%
HSV	138°, 58%, 58%
XYZ	14.6005, 23.2729, 13.1738
YIQ	116.4460, -31.9960, -36.8920

Conversions

Conversions Part 2

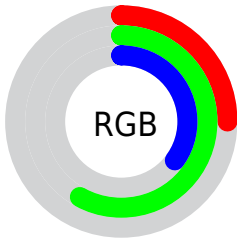
Format	Color
R _{YB}	63, 129, 149
Decimal	4167001
CIE _{Lab}	55.35, -39.77, 24.10
CIE _{LCh}	55, 46.505, 148.784
Y _{xy}	23.2729, 0.2860, 0.4559
Android (android.graphics.Color)	4282357081 (0xFF3F9559)
Y _{UV}	116.4460, -13.5309, -46.8721
Hunter-Lab	48.2420, -30.4002, 17.5787

Details

The Hex color **3F9559** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **953F7B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **76CC8C**, and **00612A** is the 20% darker color. If you saturate the color by 10%, you get **30954F**, and if you desaturate by 10%, it is **4E9563**.

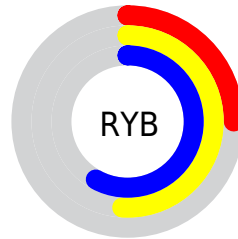
Distribution



Red (25%)

Green (58%)

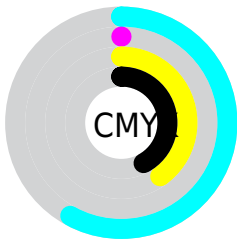
Blue (35%)



Red (25%)

Yellow (51%)

Blue (58%)

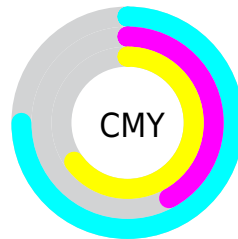


Cyan (58%)

Magenta (0%)

Yellow (40%)

Black (42%)



Cyan (75%)

Magenta (42%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9559 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 3F9559 by changing the saturation by 10% instead.



3F9559



3F9559

FFFFFF



217B41



76CC8C



00612A



92E8A6



004914



AEFFC2



003100



CAFFDE



001B00



E7FFFA



000000



3F9559



3F9559



30954F



4E9563



219544



5D956E

 12953A

 6C9578

 03952F

 7B9583

 00952D

 8A958D

 989597

 A795A2

 B695AC

 C595B7

Harmonies

Analogous

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



748E3A



3F9559



009882

Triad

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



3F9559



2889D5



CE6560

Complementary

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



3F9559



953F7B

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.



CC6188



3F9559



847BCB

Square

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



3F9559



0093C9



B46BAF



BC7340

Rectangle

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



3F9559



00999D



B46BAF



D0636D

Sweetspot

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



3F9559



A1C2AB



7B953F



4E6153



E0E0E0



616161

Same Dimension

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



3F9559



3CC265



3F9584



434A45



008A2A



000A03

Inverse Universe

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



953F7B



C23C99



953F50



4A4348



8A0060



0A0007

Previews

White Background



This preview shows how the Hex color 3F9559 looks on a white background.

Color Contrast Check

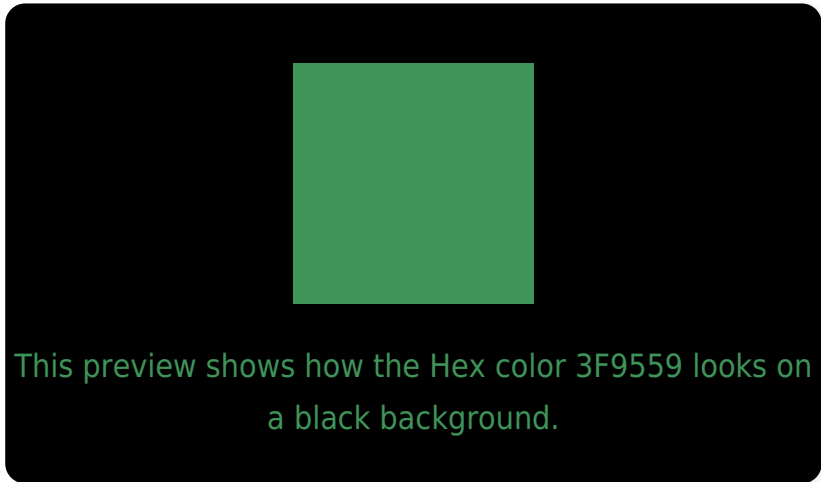
Large Text (above 18pt) WCAG AA ✓ Pass

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

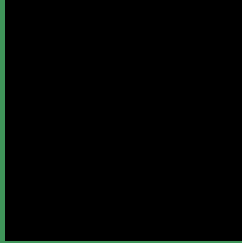
Any Text WCAG AA ✓ Pass

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 3F9559 Background



This preview shows how black text looks on a background with the Hex color 3F9559.



This preview shows how white text looks on a background with the Hex color 3F9559.

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](#).

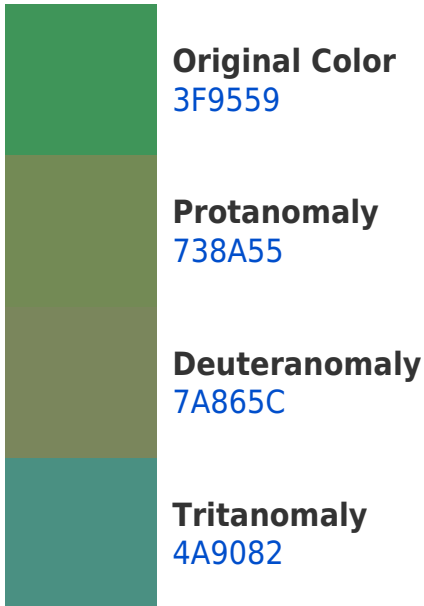
Dichromacy



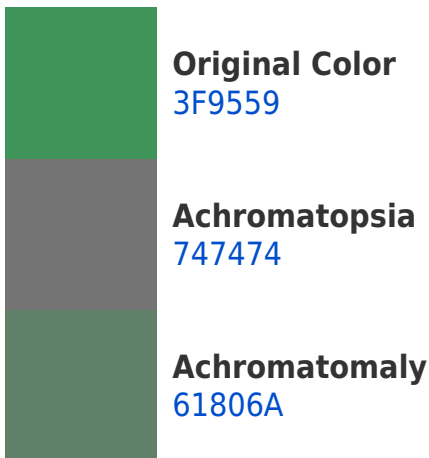


Tritanopia
518D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9559 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 #3F9559 looks like.

```
.text, #text, p{  
    color:#3F9559  
}
```

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 #3F9559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9559
}
```

Border

The CSS property to change the border of an element to Hex 3F9559 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
#3F9559 }
```

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

```
.border{ border-color:#3F9559 }
```

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

Here you see how a box with a 4 pixel #3F9559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9559; -webkit-box-shadow:4px 4px  
4px 4px #3F9559; box-shadow:4px 4px 4px  
4px #3F9559 }
```

Background

The CSS property to change the background color of an element to Hex 3F9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9559 }
```

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

```
.background{ background-color:#3F9559 }
```

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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