

Converting Colors

Hex(3C9E56)

Have a look what the booklet for
Hex(3C9E56) contains.

Hex(3C9E56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C9E56)

Conversions

Conversions Part 1

Format	Color
Hex	3C9E56
RGB	60, 158, 86
RGB Percent	24%, 62%, 34%
CMY	0.7647, 0.3804, 0.6627
CMYK	0.62, 0.00, 0.46, 0.38
HSL	136°, 45%, 43%
HSV	136°, 62%, 62%
XYZ	15.7701, 26.0863, 13.0081
YIQ	120.4900, -35.2960, -43.1680

Conversions

Conversions Part 2

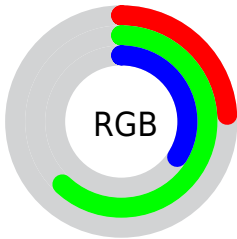
Format	Color
RYB	60, 137, 158
Decimal	3972694
CIELab	58.12, -44.73, 29.29
CIELCh	58, 53.465, 146.784
Yxy	26.0863, 0.2874, 0.4755
Android (android.graphics.Color)	4282162774 (0xFF3C9E56)
YUV	120.4900, -17.0036, -53.0497
Hunter-Lab	51.0747, -34.2663, 20.6519

Details

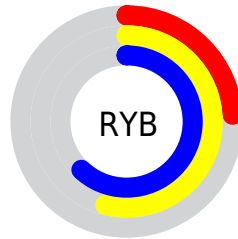
The Hex color **3C9E56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E3C84**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **75D589**, and **006927** is the 20% darker color. If you saturate the color by 10%, you get **2C9E4A**, and if you desaturate by 10%, it is **4C9E62**.

Distribution



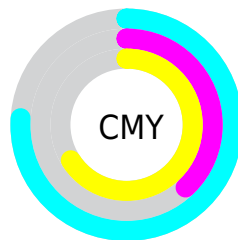
- Red (24%)
- Green (62%)
- Blue (34%)



- Red (24%)
- Yellow (54%)
- Blue (62%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9E56 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 3C9E56 by changing the saturation by 10% instead.

 3C9E56

 3C9E56

FFFFFF

 1A833E

 75D589

 006927

 91F2A3

 00500F

 AEFFBF

 003800

 CAFFDB

 002300

 E8FFF7

 000000

 3C9E56

 3C9E56

 2C9E4A

 4C9E62

 1C9E3F

 5C9E6D

 0D9E33

 6B9E79

 009E2A

 7B9E84

 8B9E90

 9B9E9C

 AB9EA7

 BA9EB3

 CA9EBE

Harmonies

Analogous

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



7B9532



3C9E56



00A285

Triad

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



3C9E56



0092E9



E06564

Complementary

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



3C9E56



9E3C84

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.



DD6193



3C9E56



8481E0

Square

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



3C9E56



009DD9



C06EC0



CC763D

Rectangle

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



3C9E56



00A2A5



C06EC0



E26273

Sweetspot

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



3C9E56



A7CFB2



869E3C



516957



E8E8E8



696969

Same Dimension

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



3C9E56



36CF5E



3C9E86



474F49



008F26



000F04

Inverse Universe

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



9E3C84



CF36A6



9E3C55



4F474D



8F0069



0F000B

Previews

White Background



This preview shows how the Hex color 3C9E56 looks on a white background.

Color Contrast Check

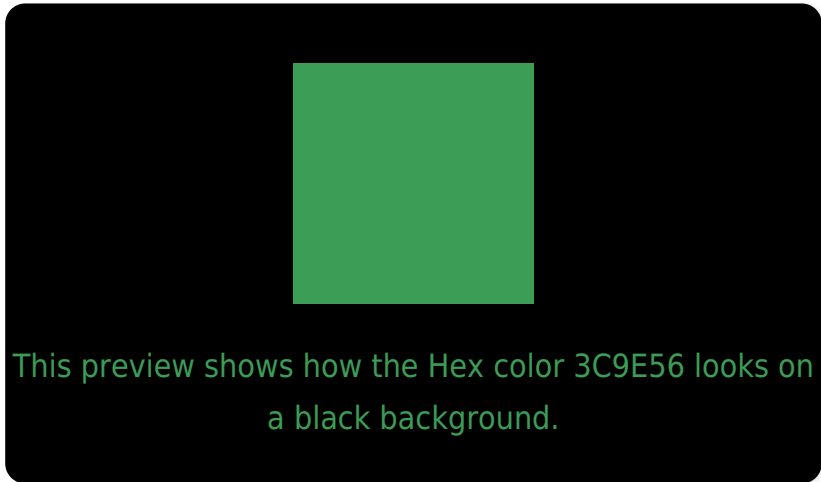
Large Text (above 18pt) WCAG AA ✓ Pass

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

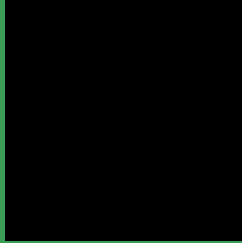
Any Text WCAG AA ✓ Pass

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 3C9E56 Background



This preview shows how black text looks on a background with the Hex color 3C9E56.



This preview shows how white text looks on a background with the Hex color 3C9E56.

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
5295A1

Trichromacy



Original Color
3C9E56



Protanomaly
779252



Deuteranomaly
7F8E5A



Tritanomaly
4A9886

Monochromacy



Original Color
3C9E56



Achromatopsia
787878



Achromatomaly
62866C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9E56 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 #3C9E56 looks like.

```
.text, #text, p{  
    color:#3C9E56  
}
```

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 #3C9E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9E56
}
```

Border

The CSS property to change the border of an element to Hex 3C9E56 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
#3C9E56 }
```

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

```
.border{ border-color:#3C9E56 }
```

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

Here you see how a box with a 4 pixel #3C9E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9E56; -webkit-box-shadow:4px 4px  
4px 4px #3C9E56; box-shadow:4px 4px 4px  
4px #3C9E56 }
```

Background

The CSS property to change the background color of an element to Hex 3C9E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9E56 }
```

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

```
.background{ background-color:#3C9E56 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor