

Converting Colors

Hex(339562)

Have a look what the booklet for
Hex(339562) contains.

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Color

Hex(339562)

Conversions

Conversions Part 1

Format	Color
Hex	339562
RGB	51, 149, 98
RGB Percent	20%, 58%, 38%
CMY	0.8000, 0.4157, 0.6157
CMYK	0.66, 0.00, 0.34, 0.42
HSL	149°, 49%, 39%
HSV	149°, 66%, 58%
XYZ	14.3173, 23.0805, 15.2557
YIQ	113.8840, -42.0370, -36.6370

Conversions

Conversions Part 2

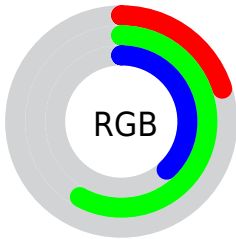
Format	Color
RYB	51, 117, 149
Decimal	3380578
CIELab	55.16, -40.67, 18.80
CIELCh	55, 44.802, 155.183
Yxy	23.0805, 0.2719, 0.4383
Android (android.graphics.Color)	4281570658 (0xFF339562)
YUV	113.8840, -7.8308, -55.1493
Hunter-Lab	48.0422, -30.8782, 14.8022

Details

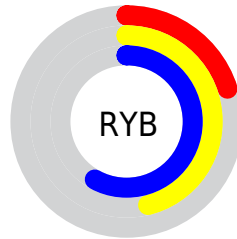
The Hex color **339562** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **953366**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6CCC95**, and **006133** is the 20% darker color. If you saturate the color by 10%, you get **24955A**, and if you desaturate by 10%, it is **42956A**.

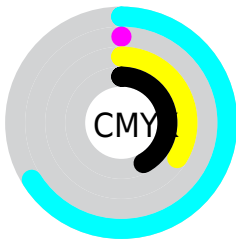
Distribution



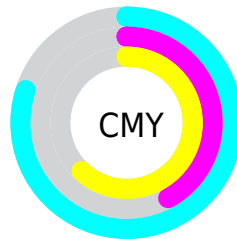
- Red (20%)
- Green (58%)
- Blue (38%)



- Red (20%)
- Yellow (46%)
- Blue (58%)



- Cyan (66%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (80%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339562 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 339562 by changing the saturation by 10% instead.



339562



339562

FFFFFF



0C7B4A



6CCC95



006133



88E8B0



00491D



A5FFCB



003106



C1FFE7



001B00



DEFFF



000000



FCFFF



339562



339562



24955A



42956A

 159552

 519572

 06954B

 609579

 009547

 6F9581

 7E9589

 8C9591

 9B9598

 AA95A0

 B995A8

Harmonies

Analogous

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



6B8F42



339562



00988A

Triad

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



339562



4986D1



C86959

Complementary

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



339562



953366

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.



CB627F



339562



9077C4

Square

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



339562



0091CA



B969A5



B4763D

Rectangle

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



339562



0097A4



B969A5



CC6565

Sweetspot

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



339562



9BC2AE



679533



4A6155



E0E0E0



616161

Same Dimension

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



339562



29C272



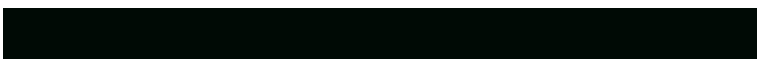
339592



434A46



008A42



000A05

Inverse Universe

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



953366



C22978



953336



4A4346



8A0048



0A0005

Previews

White Background



This preview shows how the Hex color 339562 looks on a white background.

Color Contrast Check

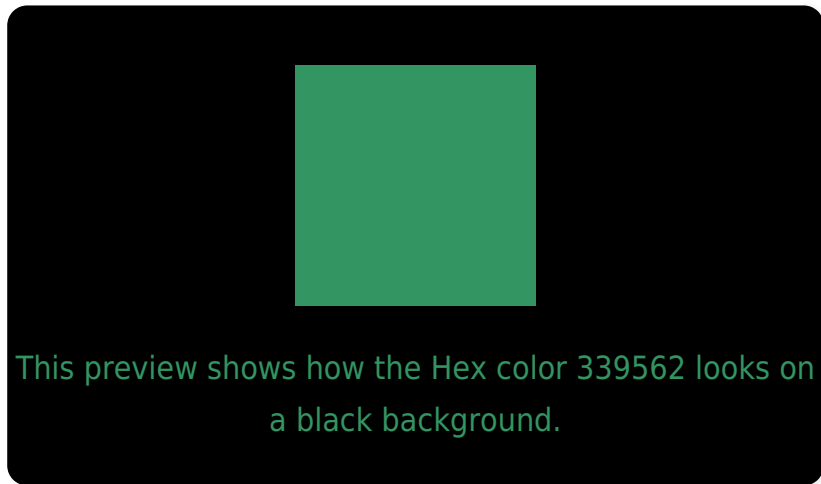
Large Text (above 18pt) WCAG AA ✓ Pass

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

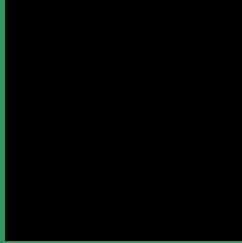
Any Text WCAG AA ✓ Pass

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 339562 Background



This preview shows how black text looks on a background with the Hex color 339562.

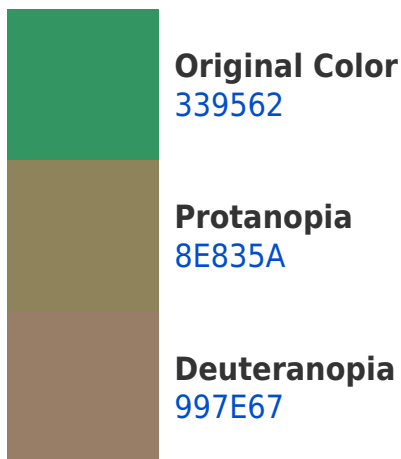


This preview shows how white text looks on a background with the Hex color 339562.

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
478E9A

Trichromacy



Original Color

339562



Protanomaly

6D8A5D



Deuteranomaly

748665



Tritanomaly

409186

Monochromacy



Original Color

339562



Achromatopsia

727272



Achromatomaly

5B7F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 339562 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 #339562 looks like.

```
.text, #text, p{  
    color:#339562  
}
```

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 #339562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339562
}
```

Border

The CSS property to change the border of an element to Hex 339562 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
#339562 }
```

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

```
.border{ border-color:#339562 }
```

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

Here you see how a box with a 4 pixel #339562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339562; -webkit-box-shadow:4px 4px  
4px 4px #339562; box-shadow:4px 4px 4px  
4px #339562 }
```

Background

The CSS property to change the background color of an element to Hex 339562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339562 }
```

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

```
.background{ background-color:#339562 }
```

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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