

Converting Colors

Hex(349562)

Have a look what the booklet for
Hex(349562) contains.

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Color

Hex(349562)

Conversions

Conversions Part 1

Format	Color
Hex	349562
RGB	52, 149, 98
RGB Percent	20%, 58%, 38%
CMY	0.7961, 0.4157, 0.6157
CMYK	0.65, 0.00, 0.34, 0.42
HSL	148°, 48%, 39%
HSV	148°, 65%, 58%
XYZ	14.3682, 23.1068, 15.2580
YIQ	114.1830, -41.4410, -36.4250

Conversions

Conversions Part 2

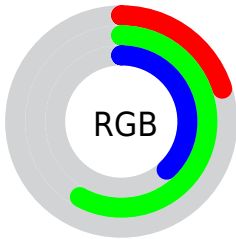
Format	Color
RYB	52, 118, 149
Decimal	3446114
CIELab	55.18, -40.47, 18.85
CIELCh	55, 44.639, 155.029
Yxy	23.1068, 0.2725, 0.4382
Android (android.graphics.Color)	4281636194 (0xFF349562)
YUV	114.1830, -7.9782, -54.5345
Hunter-Lab	48.0695, -30.7671, 14.8291

Details

The Hex color **349562** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **953467**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6DCC95**, and **006133** is the 20% darker color. If you saturate the color by 10%, you get **25955A**, and if you desaturate by 10%, it is **43956A**.

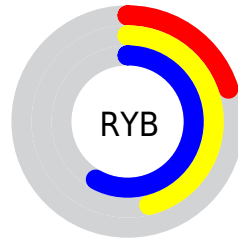
Distribution



Red (20%)

Green (58%)

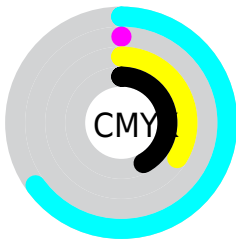
Blue (38%)



Red (20%)

Yellow (46%)

Blue (58%)

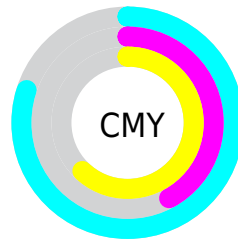


Cyan (65%)

Magenta (0%)

Yellow (34%)

Black (42%)



Cyan (80%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349562 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 349562 by changing the saturation by 10% instead.

 349562

 349562

FFFFFF

 0E7B4A

 6DCC95

 006133

 89E8B0

 00491D

 A5FFCB

 003106

 C2FFE7

 001B00

 DFFFFF

 000000

 FCFFFF

 349562

 349562

 25955A

 43956A

■ 169552

■ 529572

■ 07954A

■ 61957A

■ 009547

■ 709581

■ 7F9589

■ 8D9591

■ 9C9599

■ AB95A1

■ BA95A9

Harmonies

Analogous

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



6C8F42



349562



00988A

Triad

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



349562



4986D1



C8695A

Complementary

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



349562



953467

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.



CB637F



349562



8F77C4

Square

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



349562



0091CA



B969A6



B4763E

Rectangle

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



349562



0097A4



B969A6



CC6566

Sweetspot

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



349562



9BC2AD



689534



4A6155



E0E0E0



616161

Same Dimension

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



349562



2BC272



349592



434A46



008A41



000A05

Inverse Universe

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



953467



C22B7A



953437



4A4346



8A0048



0A0005

Previews

White Background



This preview shows how the Hex color 349562 looks on a white background.

Color Contrast Check

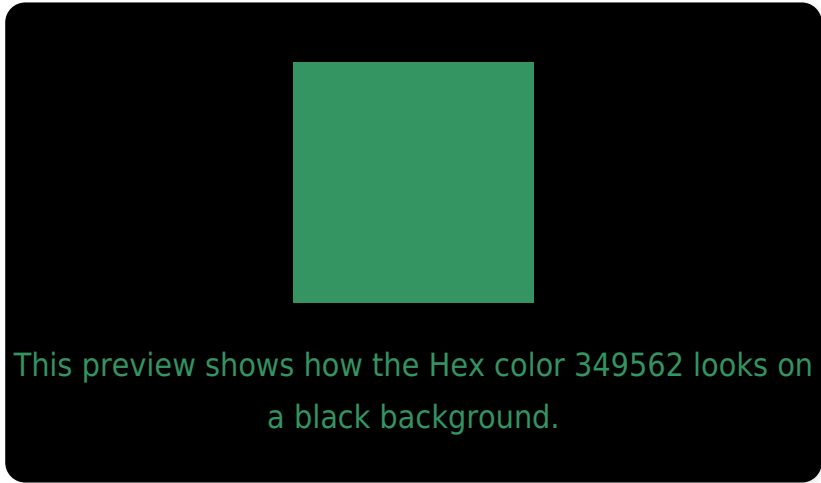
Large Text (above 18pt) WCAG AA ✓ Pass

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

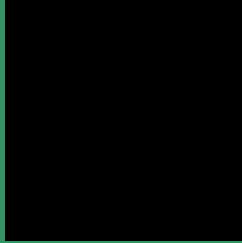
Any Text WCAG AA ✓ Pass

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 349562 Background



This preview shows how black text looks on a background with the Hex color 349562.

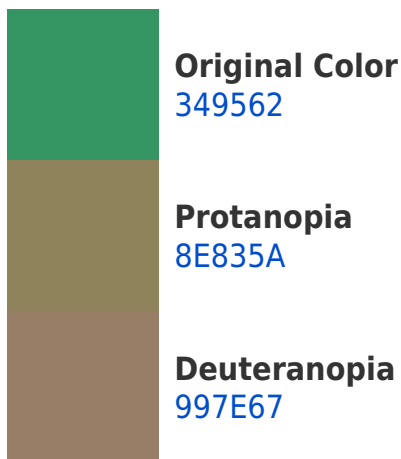


This preview shows how white text looks on a background with the Hex color 349562.

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](#).

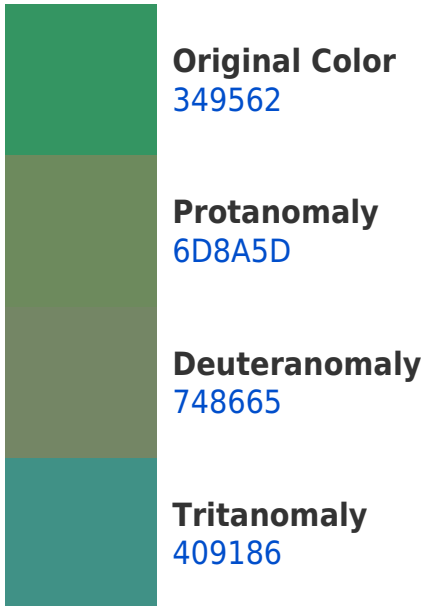
Dichromacy





Tritanopia
478E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349562 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 #349562 looks like.

```
.text, #text, p{  
    color:#349562  
}
```

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 #349562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349562
}
```

Border

The CSS property to change the border of an element to Hex 349562 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
#349562 }
```

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

```
.border{ border-color:#349562 }
```

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

Here you see how a box with a 4 pixel #349562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349562; -webkit-box-shadow:4px 4px  
4px 4px #349562; box-shadow:4px 4px 4px  
4px #349562 }
```

Background

The CSS property to change the background color of an element to Hex 349562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349562 }
```

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

```
.background{ background-color:#349562 }
```

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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