

Converting Colors

Hex(349B75)

Have a look what the booklet for
Hex(349B75) contains.

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Color

Hex(349B75)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 349B75 |
| RGB | 52, 155, 117 |
| RGB Percent | 20%, 61%, 46% |
| CMY | 0.7961, 0.3922, 0.5412 |
| CMYK | 0.66, 0.00, 0.25, 0.39 |
| HSL | 158°, 50%, 41% |
| HSV | 158°, 66%, 61% |
| XYZ | 16.3484, 25.4571, 20.8817 |
| YIQ | 119.8710, -49.1900, -33.6540 |

Conversions

Conversions Part 2

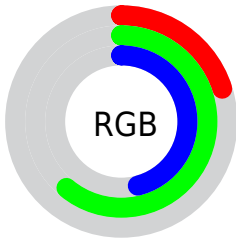
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 52, 115, 155 |
| Decimal | 3447669 |
| CIELab | 57.52, -38.82, 11.42 |
| CIElCh | 58, 40.466, 163.609 |
| Yxy | 25.4571, 0.2608, 0.4061 |
| Android (android.graphics.Color) | 4281637749 (0xFF349B75) |
| YUV | 119.8710, -1.4154, -59.5229 |
| Hunter-Lab | 50.4550, -30.4589, 10.7803 |

Details

The Hex color **349B75** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B345A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6ED2A9**, and **006745** is the 20% darker color. If you saturate the color by 10%, you get **259B6F**, and if you desaturate by 10%, it is **439B7B**.

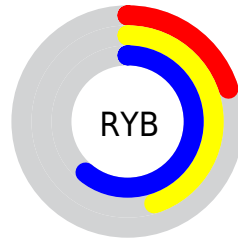
Distribution



Red (20%)

Green (61%)

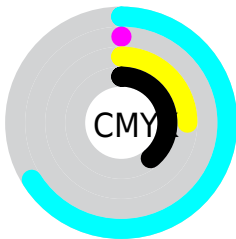
Blue (46%)



Red (20%)

Yellow (45%)

Blue (61%)

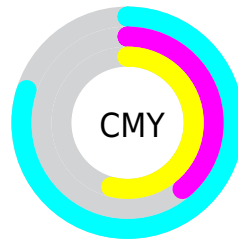


Cyan (66%)

Magenta (0%)

Yellow (25%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349B75 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 349B75 by changing the saturation by 10% instead.

 349B75

 349B75

FFFFFF

 0B815C

 6ED2A9

 006745

 8BEFC4

 004E2E

 A7FFE0

 003619

 C4FFFD

 002200

 E1FFFF

 000000

 349B75

 349B75

 259B6F

 439B7B

 159B6A

 539B80

069B64

629B86

009B62

729B8C

829B92

919B97

A09B9D

B09BA3

BF9BA8

Harmonies

Analogous

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



699655



349B75



009C9A

Triad

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



349B75



6E88CF



C6755B

Complementary

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



349B75



9B345A

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.



CD6D7B



349B75



A27BBE

Square

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



349B75



0A93CD



C2709F



B08146

Rectangle

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



349B75



009BB0



C2709F



CA7165

Sweetspot

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



349B75



A1C9BB



5B9B34



4E665D



E6E6E6



666666

Same Dimension

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



349B75



28C98E



348F9B



454D4A



008C59



000D08

Inverse Universe

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



9B345A



C92864



9B4034



4D4548



8C0034



0D0005

Previews

White Background



This preview shows how the Hex color 349B75 looks on a white background.

Color Contrast Check

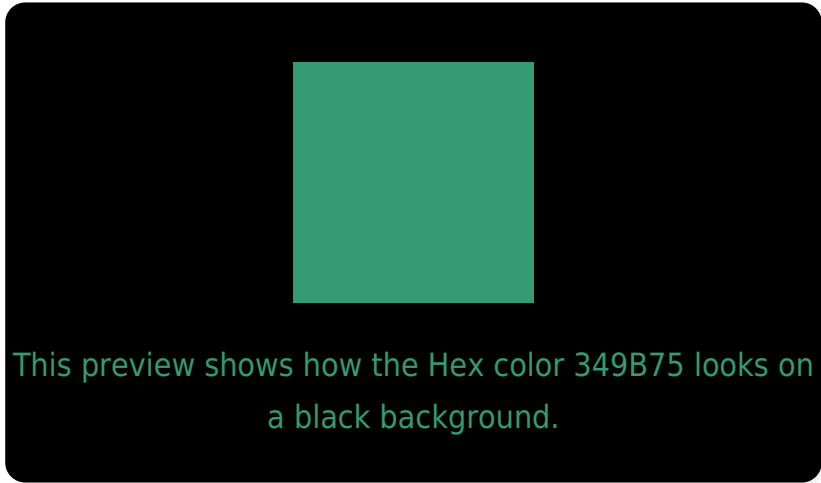
Large Text (above 18pt) WCAG AA ✓ Pass

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 349B75 Background



This preview shows how black text looks on a background with the Hex color 349B75.



This preview shows how white text looks on a background with the Hex color 349B75.

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
4695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349B75 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 #349B75 looks like.

```
.text, #text, p{  
  color:#349B75  
}
```

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 #349B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349B75
}
```

Border

The CSS property to change the border of an element to Hex 349B75 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
#349B75 }
```

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

```
.border{ border-color:#349B75 }
```

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

Here you see how a box with a 4 pixel #349B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349B75; -webkit-box-shadow:4px 4px  
4px 4px #349B75; box-shadow:4px 4px 4px  
4px #349B75 }
```

Background

The CSS property to change the background color of an element to Hex 349B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349B75 }
```

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

```
.background{ background-color:#349B75 }
```

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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