

Converting Colors

Hex(339965)

Have a look what the booklet for
Hex(339965) contains.

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Color

Hex(339965)

Conversions

Conversions Part 1

Format	Color
Hex	339965
RGB	51, 153, 101
RGB Percent	20%, 60%, 40%
CMY	0.8000, 0.4000, 0.6039
CMYK	0.67, 0.00, 0.34, 0.40
HSL	149°, 50%, 40%
HSV	149°, 67%, 60%
XYZ	15.1054, 24.4259, 16.2304
YIQ	116.5740, -44.1000, -37.7960

Conversions

Conversions Part 2

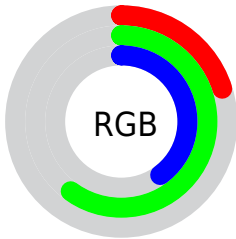
Format	Color
RYB	51, 119, 153
Decimal	3381605
CIELab	56.51, -41.72, 18.98
CIElCh	57, 45.830, 155.541
Yxy	24.4259, 0.2709, 0.4380
Android (android.graphics.Color)	4281571685 (0xFF339965)
YUV	116.5740, -7.6780, -57.5084
Hunter-Lab	49.4225, -31.9329, 15.1248

Details

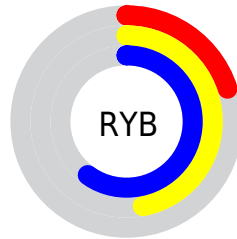
The Hex color **339965** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **993367**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6DD098**, and **006536** is the 20% darker color. If you saturate the color by 10%, you get **24995D**, and if you desaturate by 10%, it is **42996D**.

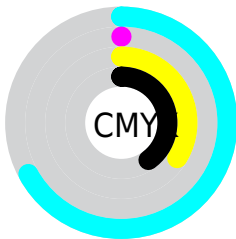
Distribution



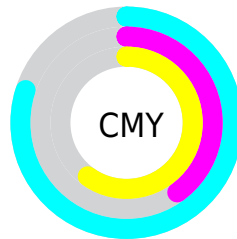
- Red (20%)
- Green (60%)
- Blue (40%)



- Red (20%)
- Yellow (47%)
- Blue (60%)



- Cyan (67%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339965 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 339965 by changing the saturation by 10% instead.

 339965

 339965

FFFFFF

 0A7F4D

 6DD098

 006536

 89EDB3

 004C20

 A6FFCF

 00340A

 C2FFEB

 001F00

 E0FFFF

 000000

FDFFFF

 339965

 339965

 24995D

 42996D

■ 149955

■ 529975

■ 05994E

■ 61997C

■ 00994B

■ 709984

■ 80998C

■ 8F9994

■ 9E999C

■ AD99A3

■ BD99AB

Harmonies

Analogous

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



6E9344



339965



009C8E

Triad

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



339965



4C89D7



CE6B5B

Complementary

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



339965



993367

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.



D16582



339965



947AC9

Square

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



339965



0094D0



BE6BA9



B97A3E

Rectangle

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



339965



009BA9



BE6BA9



D16867

Sweetspot

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



339965



9FC7B3



689933



4C6357



E3E3E3



636363

Same Dimension

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



339965



28C776



339997



454D49



008C45



000D06

Inverse Universe

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



993367



C72879



993335



4D4549



8C0048



0D0007

Previews

White Background



This preview shows how the Hex color 339965 looks on a white background.

Color Contrast Check

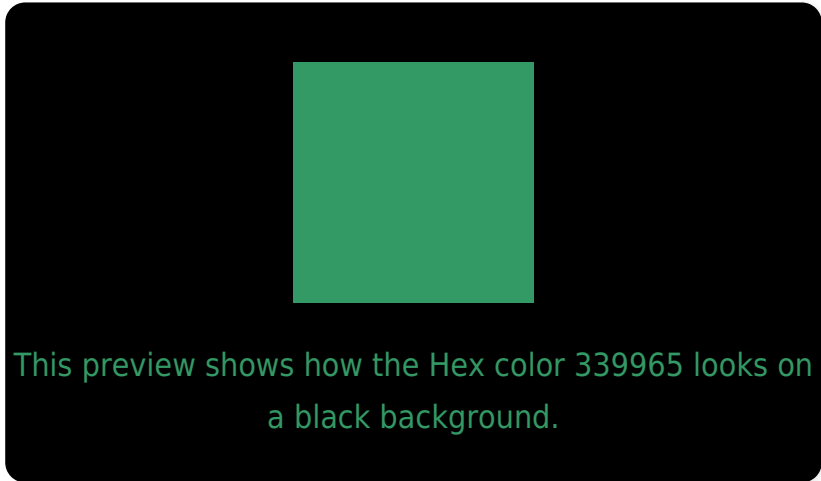
Large Text (above 18pt) WCAG AA ✓ Pass

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

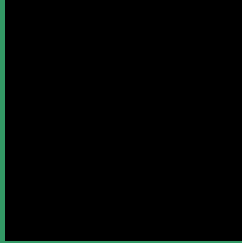
Any Text WCAG AA ✓ Pass

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 339965 Background



This preview shows how black text looks on a background with the Hex color 339965.



This preview shows how white text looks on a background with the Hex color 339965.

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](#).

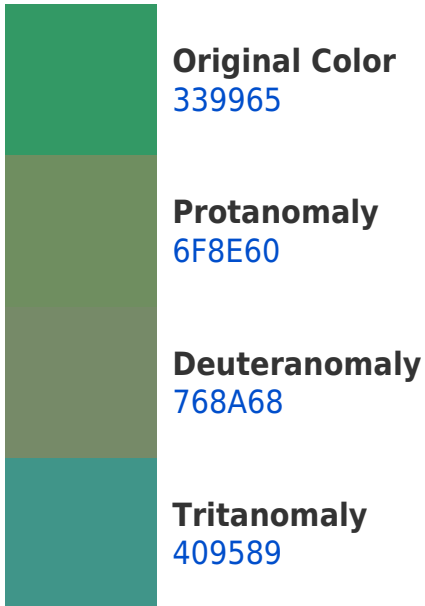
Dichromacy





Tritanopia
47929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339965 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 #339965 looks like.

```
.text, #text, p{  
    color:#339965  
}
```

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 #339965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339965
}
```

Border

The CSS property to change the border of an element to Hex 339965 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
#339965 }
```

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

```
.border{ border-color:#339965 }
```

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

Here you see how a box with a 4 pixel #339965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339965; -webkit-box-shadow:4px 4px  
4px 4px #339965; box-shadow:4px 4px 4px  
4px #339965 }
```

Background

The CSS property to change the background color of an element to Hex 339965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339965 }
```

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

```
.background{ background-color:#339965 }
```

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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