

Converting Colors

Hex(349935)

Have a look what the booklet for
Hex(349935) contains.

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Color

Hex(349935)

Conversions

Conversions Part 1

Format	Color
Hex	349935
RGB	52, 153, 53
RGB Percent	20%, 60%, 21%
CMY	0.7961, 0.4000, 0.7922
CMYK	0.66, 0.00, 0.65, 0.40
HSL	121°, 49%, 40%
HSV	121°, 66%, 60%
XYZ	13.4500, 23.7696, 7.2473
YIQ	111.4010, -28.0960, -52.5120

Conversions

Conversions Part 2

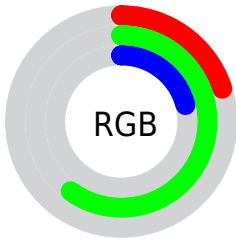
Format	Color
RYB	52, 152, 153
Decimal	3447093
CIELab	55.86, -49.17, 42.84
CIElCh	56, 65.214, 138.938
Yxy	23.7696, 0.3025, 0.5345
Android (android.graphics.Color)	4281637173 (0xFF349935)
YUV	111.4010, -28.7917, -52.0947
Hunter-Lab	48.7540, -36.0759, 25.3144

Details

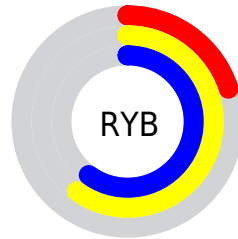
The Hex color **349935** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **993498**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6FD068**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **259926**, and if you desaturate by 10%, it is **439944**.

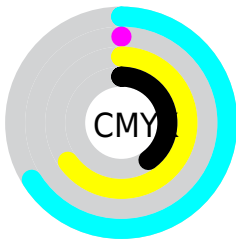
Distribution



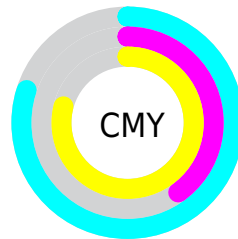
- Red (20%)
- Green (60%)
- Blue (21%)



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



- Cyan (66%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349935 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 349935 by changing the saturation by 10% instead.

 349935

 349935

FFFFFF

 097E1B

 6FD068

 006500

 8CED82

 004C00

 A8FF9D

 003400

 C5FFB9

 001D00

 E3FFD5

 000000

 FFFFFF1

 349935

 349935

 259926

 439944

 159917

 539953

 069908

 629962

 009902

 719972

 819981

 909990

 9F999F

 AE99AE

 BE99BD

Harmonies

Analogous

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



7E8E00



349935



009F6E

Triad

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



349935



0093F5



EA4D65

Complementary

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



349935



993498

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.



E04E9D



349935



5680F2

Square

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



349935



009DDB



B465D1



D86330

Rectangle

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



349935



00A096



B465D1



EA4A77

Sweetspot

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



349935



9FC7A0



999934



4C634C



E3E3E3



636363

Same Dimension

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



349935



2AC72B



349967



454D45



008C01



000D00

Inverse Universe

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



993498



C72AC5



993467



4D454C



8C008B



0D000D

Previews

White Background



This preview shows how the Hex color 349935 looks on a white background.

Color Contrast Check

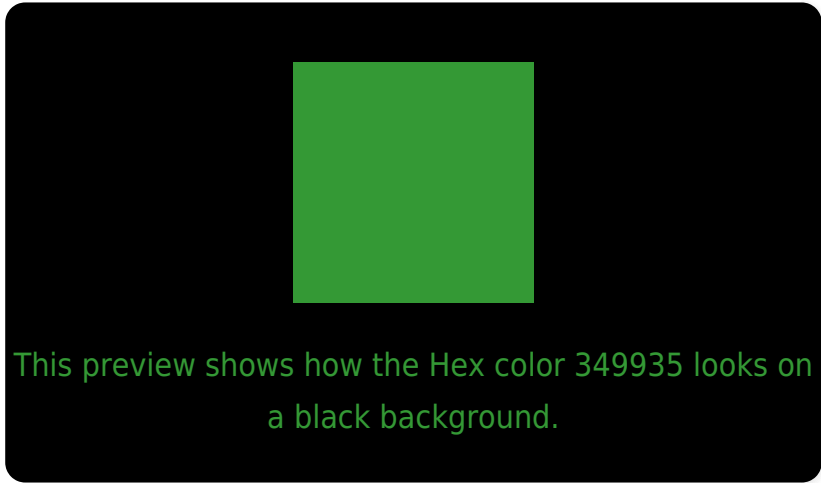
Large Text (above 18pt) WCAG AA ✓ Pass

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

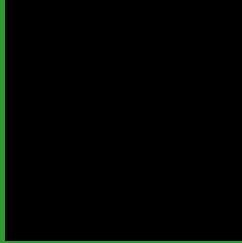
Any Text WCAG AA ✓ Pass

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 349935 Background



This preview shows how black text looks on a background with the Hex color 349935.



This preview shows how white text looks on a background with the Hex color 349935.

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



Original Color
349935

Protanopia
95852F

Deuteranopia
A47E3D

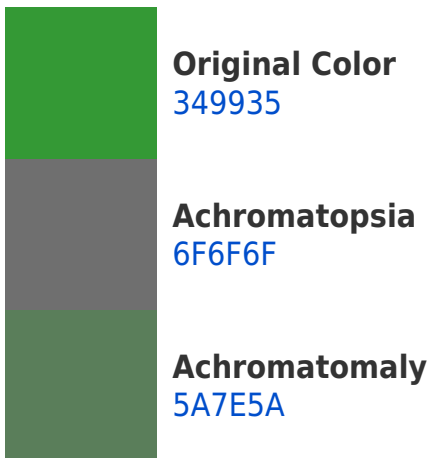


Tritanopia
4E8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349935 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 #349935 looks like.

```
.text, #text, p{  
    color:#349935  
}
```

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 #349935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349935
}
```

Border

The CSS property to change the border of an element to Hex 349935 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
#349935 }
```

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

```
.border{ border-color:#349935 }
```

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

Here you see how a box with a 4 pixel #349935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349935; -webkit-box-shadow:4px 4px  
4px 4px #349935; box-shadow:4px 4px 4px  
4px #349935 }
```

Background

The CSS property to change the background color of an element to Hex 349935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349935 }
```

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

```
.background{ background-color:#349935 }
```

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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