

Converting Colors

Hex(349F2D)

Have a look what the booklet for
Hex(349F2D) contains.

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Color

Hex(349F2D)

Conversions

Conversions Part 1

Format	Color
Hex	349F2D
RGB	52, 159, 45
RGB Percent	20%, 62%, 18%
CMY	0.7961, 0.3765, 0.8235
CMYK	0.67, 0.00, 0.72, 0.38
HSL	116°, 56%, 40%
HSV	116°, 72%, 62%
XYZ	14.2880, 25.7158, 6.6932
YIQ	114.0110, -27.1780, -58.1380

Conversions

Conversions Part 2

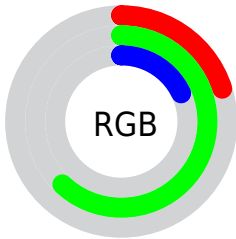
Format	Color
RYB	45, 159, 152
Decimal	3448621
CIELab	57.77, -52.10, 48.25
CIELCh	58, 71.012, 137.197
Yxy	25.7158, 0.3060, 0.5507
Android (android.graphics.Color)	4281638701 (0xFF349F2D)
YUV	114.0110, -34.0224, -54.3836
Hunter-Lab	50.7107, -38.4507, 27.6719

Details

The Hex color **349F2D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **982D9F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **71D761**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **259F1D**, and if you desaturate by 10%, it is **439F3D**.

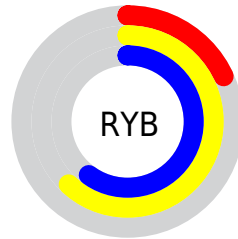
Distribution



Red (20%)

Green (62%)

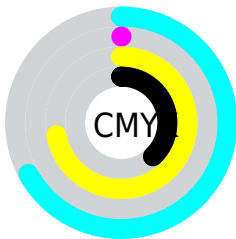
Blue (18%)



Red (18%)

Yellow (62%)

Blue (60%)

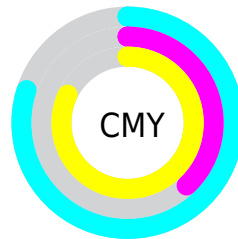


Cyan (67%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (80%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349F2D 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 349F2D by changing the saturation by 10% instead.



349F2D



349F2D

FFFFFF



04840E



71D761



006A00



8EF47C



005100



ABFF97



003900



C8FFB2



002200



E5FFCF



000000



FFFFEB



349F2D



349F2D



259F1D



439F3D

 169F0D

 529F4D

 0A9F00

 619F5D

 709F6D

 7F9F7D

 8E9F8C

 9C9F9C

 AB9FAC

 BA9FBC

Harmonies

Analogous

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



859300



349F2D



00A56D

Triad

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



349F2D



009AFF



F8496A

Complementary

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



349F2D



982D9F

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.



EC4BA8



349F2D



4686FF

Square

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



349F2D



00A4E5



B968E0



E56230

Rectangle

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



349F2D



00A799



B968E0



F8457F

Sweetspot

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



349F2D



A4CFA1



9F972D



4F694D



E8E8E8



696969

Same Dimension

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



349F2D



28CF1D



2D9F5E



484F47



098F00



010F00

Inverse Universe

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



982D9F



C41DCF



9F2D6E



4F474F



86008F



0E000F

Previews

White Background



This preview shows how the Hex color 349F2D looks on a white background.

Color Contrast Check

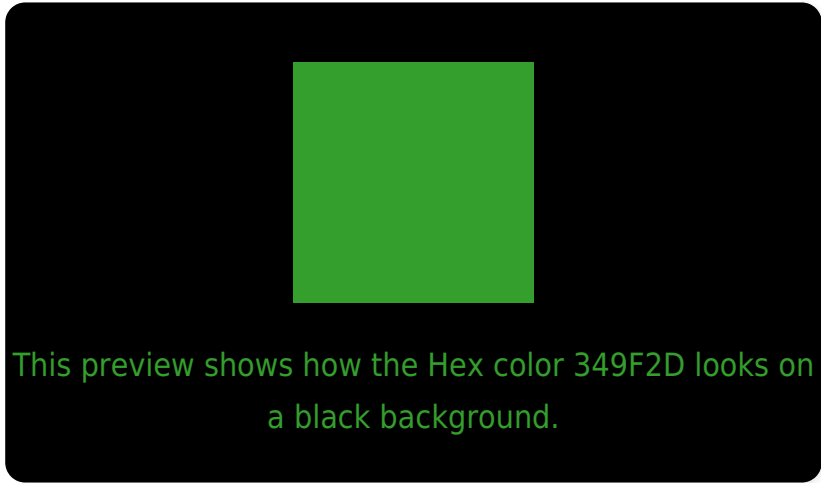
Large Text (above 18pt) WCAG AA ✓ Pass

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 349F2D Background



This preview shows how black text looks on a background with the Hex color 349F2D.



This preview shows how white text looks on a background with the Hex color 349F2D.

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
349F2D

Protanopia
9B8A28

Deuteranopia
AB8337



Tritanopia
5194A0

Trichromacy



Original Color
349F2D



Protanomaly
76922A



Deuteranomaly
808D33



Tritanomaly
469876

Monochromacy



Original Color
349F2D



Achromatopsia
727272



Achromatomaly
5B8259

CSS Examples

Text

The CSS property to change the color of the text to Hex 349F2D 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 #349F2D looks like.

```
.text, #text, p{  
    color:#349F2D  
}
```

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 #349F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349F2D
}
```

Border

The CSS property to change the border of an element to Hex 349F2D 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
#349F2D }
```

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

```
.border{ border-color:#349F2D }
```

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

Here you see how a box with a 4 pixel #349F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349F2D; -webkit-box-shadow:4px 4px  
4px 4px #349F2D; box-shadow:4px 4px 4px  
4px #349F2D }
```

Background

The CSS property to change the background color of an element to Hex 349F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349F2D }
```

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

```
.background{ background-color:#349F2D }
```

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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