

Converting Colors

Hex(35B319)

Have a look what the booklet for
Hex(35B319) contains.

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Color

Hex(35B319)

Conversions

Conversions Part 1

Format	Color
Hex	35B319
RGB	53, 179, 25
RGB Percent	21%, 70%, 10%
CMY	0.7922, 0.2980, 0.9020
CMYK	0.70, 0.00, 0.86, 0.30
HSL	109°, 75%, 40%
HSV	109°, 86%, 70%
XYZ	17.7638, 33.0673, 6.3661
YIQ	123.7700, -25.6620, -74.6060

Conversions

Conversions Part 2

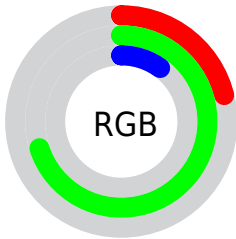
Format	Color
RYB	25, 179, 151
Decimal	3519257
CIELab	64.22, -59.89, 60.68
CIELCh	64, 85.253, 134.624
Yxy	33.0673, 0.3106, 0.5781
Android (android.graphics.Color)	4281709337 (0xFF35B319)
YUV	123.7700, -48.6936, -62.0653
Hunter-Lab	57.5041, -45.4913, 33.6891

Details

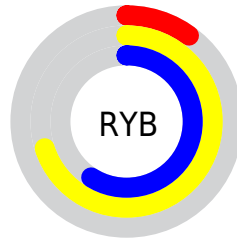
The Hex color **35B319** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9719B3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **76EC56**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **26B307**, and if you desaturate by 10%, it is **44B32B**.

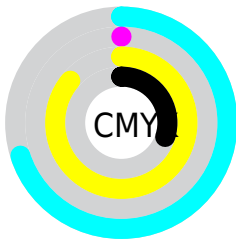
Distribution



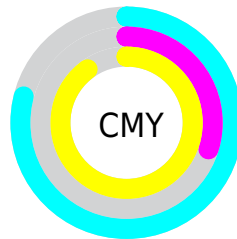
- Red (21%)
- Green (70%)
- Blue (10%)



- Red (10%)
- Yellow (70%)
- Blue (59%)



- Cyan (70%)
- Magenta (0%)
- Yellow (86%)
- Black (30%)



- Cyan (79%)
- Magenta (30%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B319 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 35B319 by changing the saturation by 10% instead.

 35B319

 35B319

FFFFFF

 009800

 76EC56

 007D00

 94FF71

 006300

 B2FF8D

 004900

 D0FFA9

 003300

 EFFF C6

 001700

 FFFF E3

 000000

 35B319

 35B319

 26B307

 44B32B

■ 21B300

■ 52B33D

■ 61B34F

■ 70B361

■ 7EB372

■ 8DB384

■ 9CB396

■ AAB3A8

■ B9B3BA

Harmonies

Analogous

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



99A400



35B319



00BB70

Triad

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



35B319



00B0FF



FF407A

Complementary

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



35B319



9719B3

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.



FF49C6



35B319



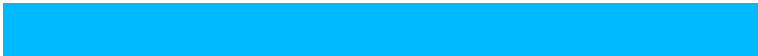
0098FF

Square

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



35B319



00BAFF



CC73FF



FF6431

Rectangle

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



35B319



00BDA6



CC73FF



FF3B93

Sweetspot

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



35B319



B7E8AC



B39719



587551



F5F5F5



757575

Same Dimension

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



35B319



2AE800



19B34A



525950



1C9900



051A00

Inverse Universe

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



9719B3



BE00E8



B31982



585059



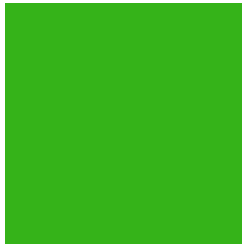
7D0099



15001A

Previews

White Background



This preview shows how the Hex color 35B319 looks on a white background.

Color Contrast Check

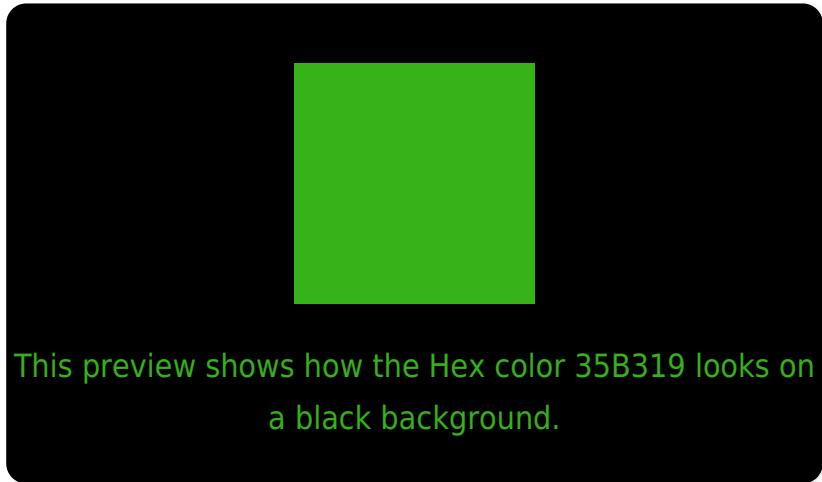
Large Text (above 18pt) WCAG AA × Fail

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

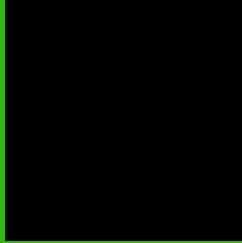
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 35B319 Background



This preview shows how black text looks on a background with the Hex color 35B319.

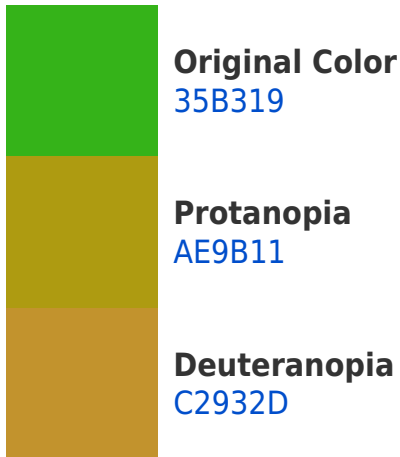


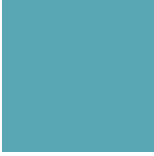
This preview shows how white text looks on a background with the Hex color 35B319.

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
59A7B4

Trichromacy



Original Color
35B319



Protanomaly
82A414



Deuteranomaly
8F9F26



Tritanomaly
4CAB7C

Monochromacy



Original Color
35B319



Achromatopsia
7C7C7C



Achromatomaly
629058

CSS Examples

Text

The CSS property to change the color of the text to Hex 35B319 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 #35B319 looks like.

```
.text, #text, p{  
    color:#35B319  
}
```

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 #35B319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B319
}
```

Border

The CSS property to change the border of an element to Hex 35B319 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
#35B319 }
```

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

```
.border{ border-color:#35B319 }
```

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

Here you see how a box with a 4 pixel #35B319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B319; -webkit-box-shadow:4px 4px  
4px 4px #35B319; box-shadow:4px 4px 4px  
4px #35B319 }
```

Background

The CSS property to change the background color of an element to Hex 35B319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B319 }
```

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

```
.background{ background-color:#35B319 }
```

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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