

Converting Colors

Hex(35A317)

Have a look what the booklet for
Hex(35A317) contains.

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Color

Hex(35A317)

Conversions

Conversions Part 1

Format	Color
Hex	35A317
RGB	53, 163, 23
RGB Percent	21%, 64%, 9%
CMY	0.7922, 0.3608, 0.9098
CMYK	0.67, 0.00, 0.86, 0.36
HSL	107°, 75%, 36%
HSV	107°, 86%, 64%
XYZ	14.7200, 27.0131, 5.2488
YIQ	114.1500, -20.6200, -66.8600

Conversions

Conversions Part 2

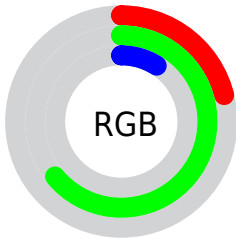
Format	Color
R_{YB}	23, 163, 133
Decimal	3515159
CIE Lab	58.99, -54.71, 56.50
CIE LCh	59, 78.645, 134.078
Yxy	27.0131, 0.3133, 0.5750
Android (android.graphics.Color)	4281705239 (0xFF35A317)
YUV	114.1500, -44.9369, -53.6285
Hunter-Lab	51.9742, -40.4003, 30.3942

Details

The Hex color **35A317** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8517A3**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **73DB52**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **28A307**, and if you desaturate by 10%, it is **42A327**.

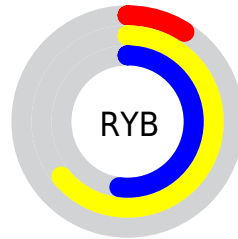
Distribution



Red (21%)

Green (64%)

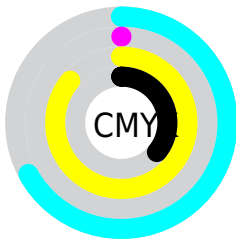
Blue (9%)



Red (9%)

Yellow (64%)

Blue (52%)

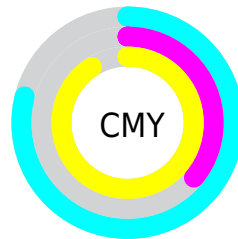


Cyan (67%)

Magenta (0%)

Yellow (86%)

Black (36%)



Cyan (79%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Hex color 35A317 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 35A317 by changing the saturation by 10% instead.

 35A317

 35A317

FFFFFF

 018800

 73DB52

 006E00

 90F86D

 005400

 AEFF88

 003C00

 CBFFA4

 002500

 E9FFC0

 000000

 FFFFDD

 FFFFFA

 35A317

 35A317

 28A307

 42A327

 23A300

 4FA338

 5BA348

 68A358

 75A369

 82A379

 8FA389

 9BA399

 A8A3AA

Harmonies

Analogous

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



8D9500



35A317



00AA65

Triad

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



35A317



00A0FF



FF3C71

Complementary

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



35A317



8517A3

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.



F545B6



35A317



008BFF

Square

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



35A317



00AAED



B86AF2



F45B2E

Rectangle

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



35A317



00AC96



B86AF2



FF3888

Sweetspot

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



35A317



A8D49D



A38517



516B4A



EBEBEB



6B6B6B

Same Dimension

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



35A317



2DD400



17A33F



4B5249



1F9100



041200

Inverse Universe

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



8517A3



A600D4



A3177B



504952



720091



0E0012

Previews

White Background



This preview shows how the Hex color 35A317 looks on a white background.

Color Contrast Check

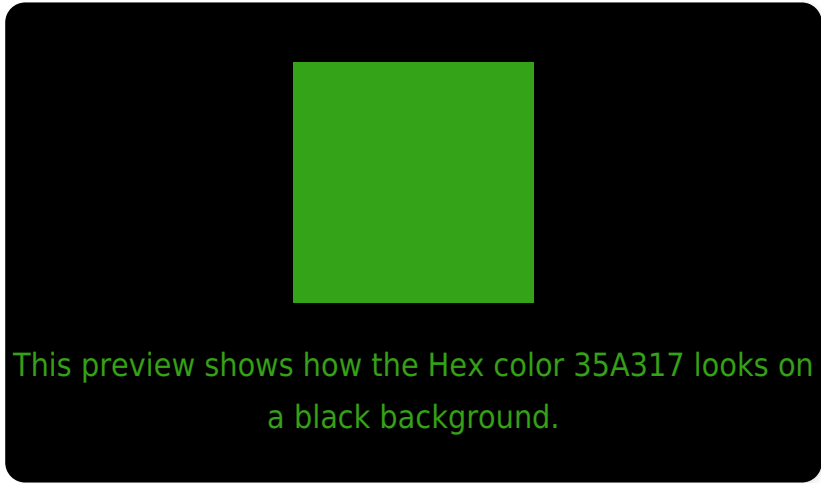
Large Text (above 18pt) WCAG AA ✓ Pass

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

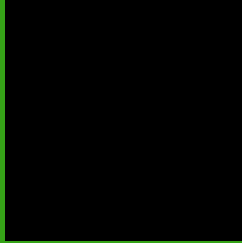
Any Text WCAG AA ✓ Pass

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 35A317 Background



This preview shows how black text looks on a background with the Hex color 35A317.

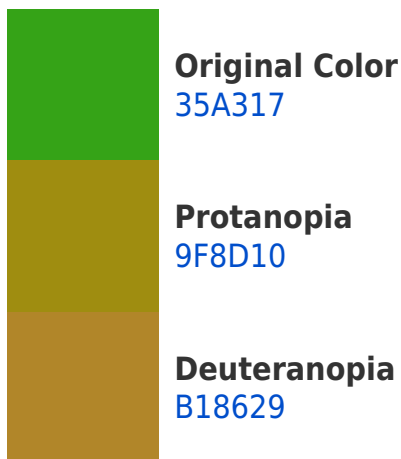


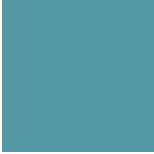
This preview shows how white text looks on a background with the Hex color 35A317.

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
5498A4

Trichromacy



Original Color
35A317



Protanomaly
789513



Deuteranomaly
849122



Tritanomaly
499C71

Monochromacy



Original Color
35A317



Achromatopsia
727272



Achromatomaly
5C8451

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A317 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 #35A317 looks like.

```
.text, #text, p{  
    color:#35A317  
}
```

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 #35A317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A317
}
```

Border

The CSS property to change the border of an element to Hex 35A317 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
#35A317 }
```

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

```
.border{ border-color:#35A317 }
```

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

Here you see how a box with a 4 pixel #35A317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A317; -webkit-box-shadow:4px 4px  
4px 4px #35A317; box-shadow:4px 4px 4px  
4px #35A317 }
```

Background

The CSS property to change the background color of an element to Hex 35A317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A317 }
```

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

```
.background{ background-color:#35A317 }
```

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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