

# Converting Colors

Hex(35B516)

Have a look what the booklet for  
Hex(35B516) contains.

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# **Color**

**Hex(35B516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35B516
RGB	53, 181, 22
RGB Percent	21%, 71%, 9%
CMY	0.7922, 0.2902, 0.9137
CMYK	0.71, 0.00, 0.88, 0.29
HSL	108°, 78%, 40%
HSV	108°, 88%, 71%
XYZ	18.1369, 33.8626, 6.3393
YIQ	124.6020, -25.2490, -76.5850

# Conversions

## Conversions Part 2

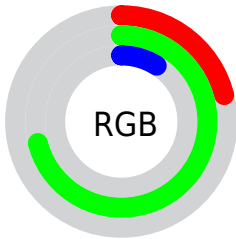
Format	Color
<a href="#">RYB</a>	<a href="#">22, 181, 150</a>
Decimal	<a href="#">3519766</a>
CIELab	<a href="#">64.85, -60.65, 61.89</a>
CIElCh	<a href="#">65, 86.649, 134.421</a>
Yxy	<a href="#">33.8626, 0.3109, 0.5804</a>
Android (android.graphics.Color)	<a href="#">4281709846 (0xFF35B516)</a>
YUV	<a href="#">124.6020, -50.5828, -62.7950</a>
Hunter-Lab	<a href="#">58.1915, -46.2011, 34.2751</a>

# Details

The Hex color **35B516** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9616B5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **77EE55**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **26B504**, and if you desaturate by 10%, it is **44B528**.

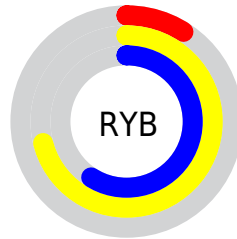
# Distribution



Red (21%)

Green (71%)

Blue (9%)



Red (9%)

Yellow (71%)

Blue (59%)

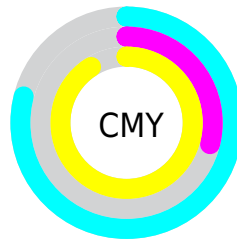


Cyan (71%)

Magenta (0%)

Yellow (88%)

Black (29%)



Cyan (79%)

Magenta (29%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35B516 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 35B516 by changing the saturation by 10% instead.



 35B516

 35B516

FFFFFF

 009900

 77EE55

 007F00

 95FF70

 006400

 B3FF8C

 004B00

 D1FFA8

 003400

 EFFF C5

 001A00

 FFFF E2

 000000

 35B516

 35B516

 26B504

 44B528

 23B500

 52B53A

 61B54C

 6FB55E

 7EB570

 8CB583

 9BB595

 AAB5A7

 B8B5B9

# Harmonies

## Analogous

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



9BA500



35B516



00BD71

# Triad

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



35B516



00B2FF



FF3E7C

# Complementary

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



35B516



9616B5

# 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.



FF48C9



35B516



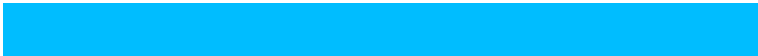
009AFF

# Square

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



35B516



00BDFE



CD75FF



FF6431

# Rectangle

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



35B516



00BFA7



CD75FF



FF3A95

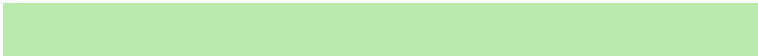


# Sweetspot

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



35B516



B9EBAE



B59516



587551



F5F5F5



757575



# Same Dimension

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



35B516



2EEB00



16B546



525950



1E9900



051A00



# Inverse Universe

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



9616B5



BD00EB



B51685



585059



7B0099

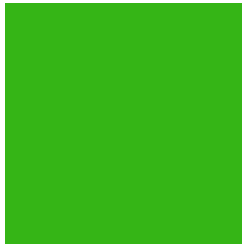


15001A



# Previews

## White Background



This preview shows how the Hex color 35B516 looks on a white background.

## Color Contrast Check

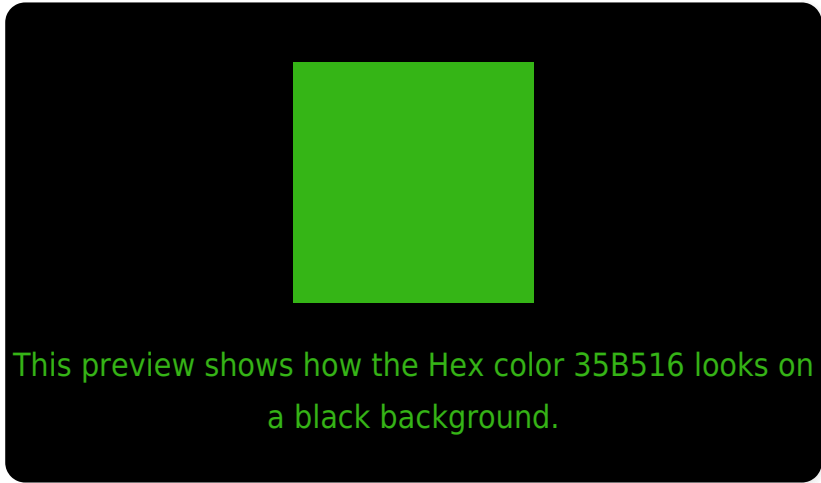
Large Text (above 18pt) WCAG AA × Fail

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

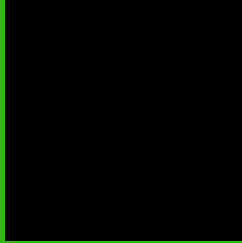
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 35B516 Background



This preview shows how black text looks on a background with the Hex color 35B516.

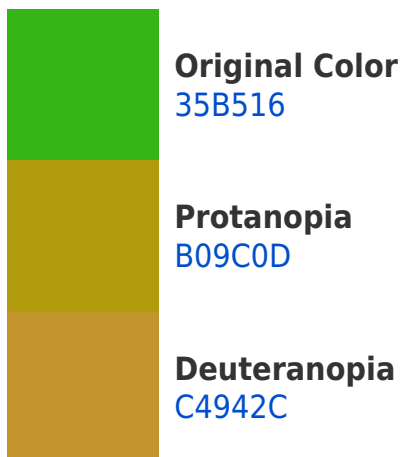


This preview shows how white text looks on a background with the Hex color 35B516.

# 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**  
5AA8B6

# Trichromacy



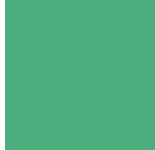
**Original Color**  
35B516



**Protanomaly**  
83A510



**Deuteranomaly**  
90A024



**Tritanomaly**  
4DAD7C

# Monochromacy



**Original Color**  
35B516



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
639158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35B516 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 #35B516 looks like.

```
.text, #text, p{  
    color:#35B516  
}
```

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 #35B516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B516
}
```

## Border

The CSS property to change the border of an element to Hex 35B516 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
#35B516 }
```

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

```
.border{ border-color:#35B516 }
```

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

Here you see how a box with a 4 pixel #35B516 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B516; -webkit-box-shadow:4px 4px  
4px 4px #35B516; box-shadow:4px 4px 4px  
4px #35B516 }
```

# Background

The CSS property to change the background color of an element to Hex 35B516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B516 }
```

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

```
.background{ background-color:#35B516 }
```

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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