

# Converting Colors

Hex(35B13D)

Have a look what the booklet for  
Hex(35B13D) contains.

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**Color**

**Hex(35B13D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35B13D
RGB	53, 177, 61
RGB Percent	21%, 69%, 24%
CMY	0.7922, 0.3059, 0.7608
CMYK	0.70, 0.00, 0.66, 0.31
HSL	124°, 54%, 45%
HSV	124°, 70%, 69%
XYZ	18.0326, 32.5381, 9.7449
YIQ	126.7000, -36.6680, -62.3640

# Conversions

## Conversions Part 2

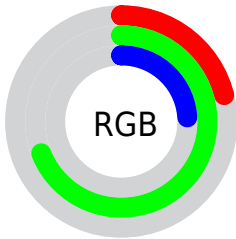
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 169, 177
Decimal	3518781
CIELab	63.79, -56.60, 48.10
CIELCh	64, 74.274, 139.640
Yxy	32.5381, 0.2990, 0.5395
Android (android.graphics.Color)	4281708861 (0xFF35B13D)
YUV	126.7000, -32.3901, -64.6349
Hunter-Lab	57.0422, -43.3949, 29.8006

# Details

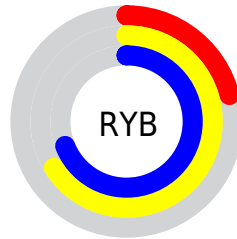
The Hex color **35B13D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B135A9**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **75EA71**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **23B12C**, and if you desaturate by 10%, it is **47B14E**.

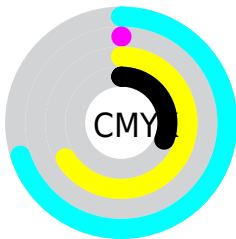
# Distribution



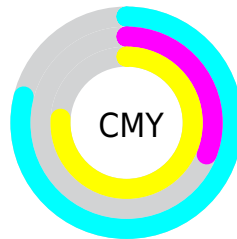
- Red (21%)
- Green (69%)
- Blue (24%)



- Red (21%)
- Yellow (66%)
- Blue (69%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (31%)



- Cyan (79%)
- Magenta (31%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35B13D 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 35B13D by changing the saturation by 10% instead.



 35B13D

 35B13D

FFFFFF

 009622

 75EA71

 007B00

 92FF8C

 006100

 B0FFA7

 004800

 CDFFC3

 003100

 EBFFE0

 001600

FFFFFFD

 000000

 35B13D

 35B13D

 23B12C

 47B14E

 12B11C

 58B15E

 00B10B

 6AB16F

 7CB17F

 8EB190

 9FB1A0

 B1B1B1

 C3B1C1

 D4B1D2

# Harmonies

## Analogous

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



90A400



35B13D



00B780

# Triad

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



35B13D



00A9FF



FF5772

# Complementary

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



35B13D



B135A9

# 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.



FF57B4



35B13D



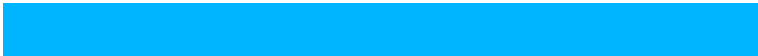
6593FF

# Square

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



35B13D



00B5FF



D374F1



F97235

# Rectangle

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



35B13D



00B9AF



D374F1



FF5388



# Sweetspot

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



35B13D



B5E6B8



ABB135



567358



F2F2F2



737373



# Same Dimension

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



35B13D



25E631



35B179



505951



00990A



001A02



# Inverse Universe

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



B135A9



E625D9



B1356D



595059



99008F



1A0018



# Previews

## White Background



This preview shows how the Hex color 35B13D looks on a white background.

## Color Contrast Check

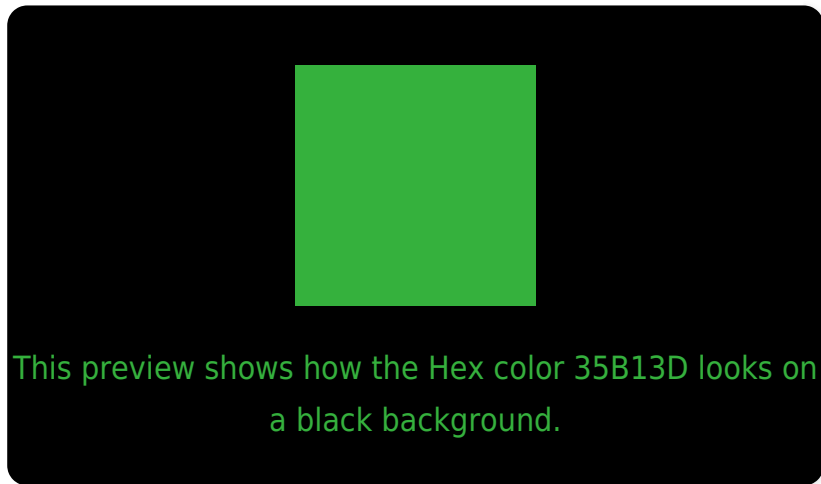
Large Text (above 18pt) WCAG AA × Fail

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

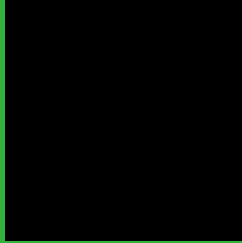
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 35B13D Background



This preview shows how black text looks on a background with the Hex color 35B13D.



This preview shows how white text looks on a background with the Hex color 35B13D.

# 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](#).

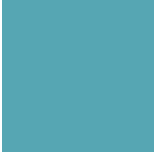
## Dichromacy



**Original Color**  
35B13D

**Protanopia**  
AB9A36

**Deuteranopia**  
BD9247



**Tritanopia**  
56A6B3

# Trichromacy



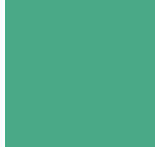
**Original Color**  
35B13D



**Protanomaly**  
80A239



**Deuteranomaly**  
8C9D43



**Tritanomaly**  
4AAA88

# Monochromacy



**Original Color**  
35B13D



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
649167

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35B13D 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 #35B13D looks like.

```
.text, #text, p{  
    color:#35B13D  
}
```

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 #35B13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B13D
}
```

## Border

The CSS property to change the border of an element to Hex 35B13D 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
#35B13D }
```

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

```
.border{ border-color:#35B13D }
```

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

Here you see how a box with a 4 pixel #35B13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B13D; -webkit-box-shadow:4px 4px  
4px 4px #35B13D; box-shadow:4px 4px 4px  
4px #35B13D }
```

# Background

The CSS property to change the background color of an element to Hex 35B13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B13D }
```

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

```
.background{ background-color:#35B13D }
```

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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