

Converting Colors

Hex(1AB356)

Have a look what the booklet for
Hex(1AB356) contains.

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Color

Hex(1AB356)

Conversions

Conversions Part 1

Format	Color
Hex	1AB356
RGB	26, 179, 86
RGB Percent	10%, 70%, 34%
CMY	0.8980, 0.2980, 0.6627
CMYK	0.85, 0.00, 0.52, 0.30
HSL	144°, 75%, 40%
HSV	144°, 85%, 70%
XYZ	18.2258, 33.1317, 14.2386
YIQ	122.6510, -61.3350, -61.3590

Conversions

Conversions Part 2

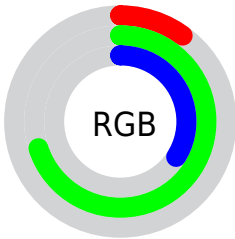
Format	Color
RYB	26, 136, 179
Decimal	1749846
CIELab	64.27, -57.65, 36.88
CIELCh	64, 68.438, 147.396
Yxy	33.1317, 0.2778, 0.5051
Android (android.graphics.Color)	4279939926 (0xFF1AB356)
YUV	122.6510, -18.0689, -84.7629
Hunter-Lab	57.5601, -44.2101, 25.6256

Details

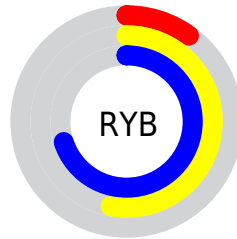
The Hex color **1AB356** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B31A77**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **65EC8A**, and **007D25** is the 20% darker color. If you saturate the color by 10%, you get **08B34B**, and if you desaturate by 10%, it is **2CB361**.

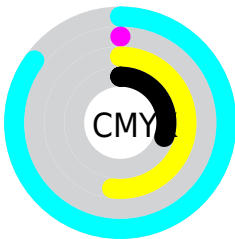
Distribution



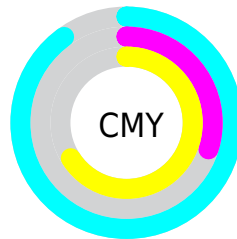
- Red (10%)
- Green (70%)
- Blue (34%)



- Red (10%)
- Yellow (53%)
- Blue (70%)



- Cyan (85%)
- Magenta (0%)
- Yellow (52%)
- Black (30%)



- Cyan (90%)
- Magenta (30%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AB356 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 1AB356 by changing the saturation by 10% instead.

 1AB356

 1AB356

FFFFFF

 00973D

 65EC8A

 007D25

 84FFA4

 006309

 A2FFC0

 004900

 C0FFDC

 003200

 DEFFF9

 001800

 FCFFF

 000000

 1AB356

 1AB356

 08B34B

 2CB361

■ 00B346

■ 3EB36C

■ 50B377

■ 62B382

■ 73B38C

■ 85B397

■ 97B3A2

■ A9B3AD

■ BBB3B8

Harmonies

Analogous

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



83A91E



1AB356



00B894

Triad

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



1AB356



00A5FF



FF6667

Complementary

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



1AB356



B31A77

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.



FF5FA4



1AB356



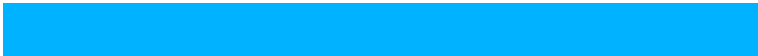
908EFF

Square

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



1AB356



00B2FF



E072DF



EC7F32

Rectangle

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



1AB356



00B8BF



E072DF



FF607B

Sweetspot

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



1AB356



ACE8C3



78B31A



51755F



F5F5F5



757575

Same Dimension

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



1AB356



00E85B



1AB3A1



505954



00993C



001A0A

Inverse Universe

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



B31A77



E8008D



B31A2C



595056



99005D



1A0010

Previews

White Background



This preview shows how the Hex color 1AB356 looks on a white background.

Color Contrast Check

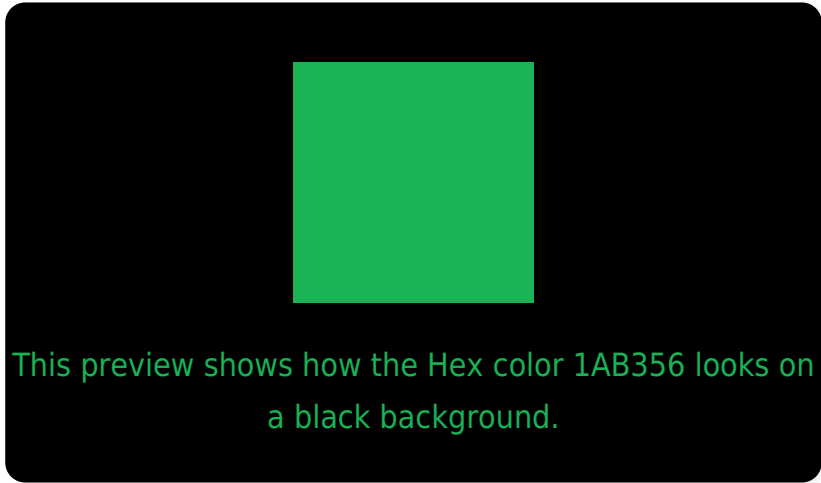
Large Text (above 18pt) WCAG AA × Fail

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

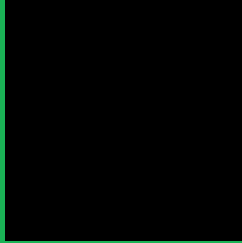
Any Text WCAG AA ✓ Pass

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 1AB356 Background



This preview shows how black text looks on a background with the Hex color 1AB356.



This preview shows how white text looks on a background with the Hex color 1AB356.

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](#).

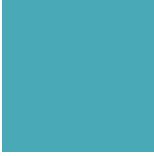
Dichromacy



Original Color
1AB356

Protanopia
AB9B4E

Deuteranopia
BB945E



Tritanopia
49A9B6

Trichromacy



Original Color
1AB356



Protanomaly
76A451



Deuteranomaly
809F5B



Tritanomaly
38AD93

Monochromacy



Original Color
1AB356



Achromatopsia
7B7B7B



Achromatomaly
588F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AB356 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 #1AB356 looks like.

```
.text, #text, p{  
    color:#1AB356  
}
```

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 #1AB356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB356
}
```

Border

The CSS property to change the border of an element to Hex 1AB356 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
#1AB356 }
```

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

```
.border{ border-color:#1AB356 }
```

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

Here you see how a box with a 4 pixel #1AB356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB356; -webkit-box-shadow:4px 4px  
4px 4px #1AB356; box-shadow:4px 4px 4px  
4px #1AB356 }
```

Background

The CSS property to change the background color of an element to Hex 1AB356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB356 }
```

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

```
.background{ background-color:#1AB356 }
```

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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