

Converting Colors

Hex(11A356)

Have a look what the booklet for
Hex(11A356) contains.

Hex(11A356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(11A356)

Conversions

Conversions Part 1

Format	Color
Hex	11A356
RGB	17, 163, 86
RGB Percent	7%, 64%, 34%
CMY	0.9333, 0.3608, 0.6627
CMYK	0.90, 0.00, 0.47, 0.36
HSL	148°, 81%, 35%
HSV	148°, 90%, 64%
XYZ	15.0081, 26.9854, 13.2218
YIQ	110.5680, -62.2990, -54.8990

Conversions

Conversions Part 2

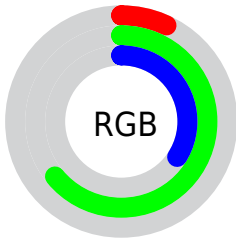
Format	Color
RYB	17, 116, 163
Decimal	1155926
CIELab	58.96, -52.86, 30.20
CIElCh	59, 60.878, 150.255
Yxy	26.9854, 0.2718, 0.4887
Android (android.graphics.Color)	4279346006 (0xFF11A356)
YUV	110.5680, -12.1120, -82.0591
Hunter-Lab	51.9475, -39.3380, 21.2726

Details

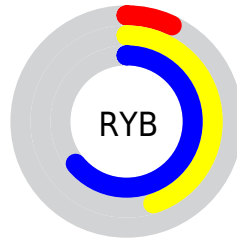
The Hex color **11A356** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A3115E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5EDB89**, and **006E26** is the 20% darker color. If you saturate the color by 10%, you get **01A34D**, and if you desaturate by 10%, it is **21A35F**.

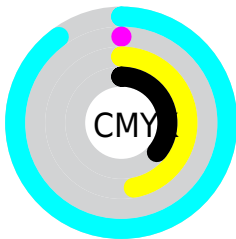
Distribution



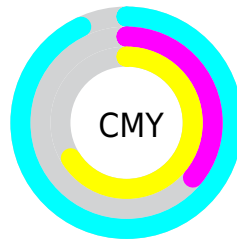
- Red (7%)
- Green (64%)
- Blue (34%)



- Red (7%)
- Yellow (45%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (47%)
- Black (36%)




- Cyan (93%)
- Magenta (36%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11A356 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 11A356 by changing the saturation by 10% instead.

 11A356

 11A356

FFFFFF

 00883E

 5EDB89

 006E26

 7CF8A4

 00540E

 99FFBF

 003C00


 B7FFDB

 002500

 D4FFF8

 000000

 F2FFFF

 11A356

 11A356

 01A34D

 21A35F

■ 00A34D

■ 32A367

■ 42A370

■ 52A378

■ 62A381

■ 73A38A

■ 83A392

■ 93A39B

■ A4A3A3

Harmonies

Analogous

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



739A27



11A356



00A78D

Triad

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



11A356



0094F9



EB625B

Complementary

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



11A356



A3115E

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.



EB5A90



11A356



8D7FEB

Square

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



11A356



00A1EA



CE68C4



D2772E

Rectangle

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



11A356



00A7B1



CE68C4



EE5D6C

Sweetspot

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



11A356



9BD4B6



5FA311



496B59



EBEBEB



6B6B6B

Same Dimension

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



11A356



00D464



11A39E



49524D



009145



001208

Inverse Universe

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



A3115E



D40070



A31116



52494E



91004D



120009

Previews

White Background



This preview shows how the Hex color 11A356 looks on a white background.

Color Contrast Check

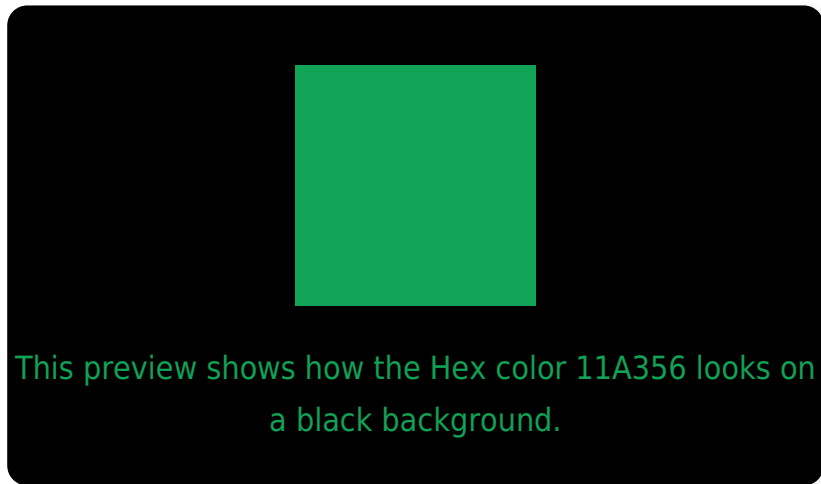
Large Text (above 18pt) WCAG AA ✓ Pass

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 11A356 Background



This preview shows how black text looks on a background with the Hex color 11A356.

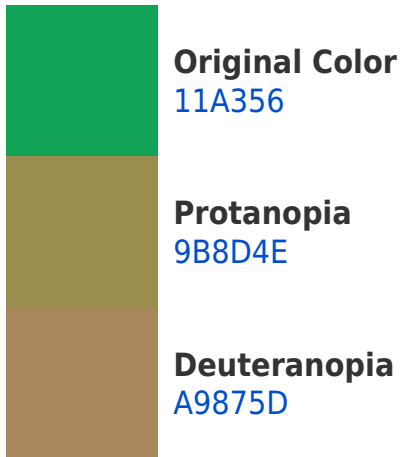


This preview shows how white text looks on a background with the Hex color 11A356.

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](#).

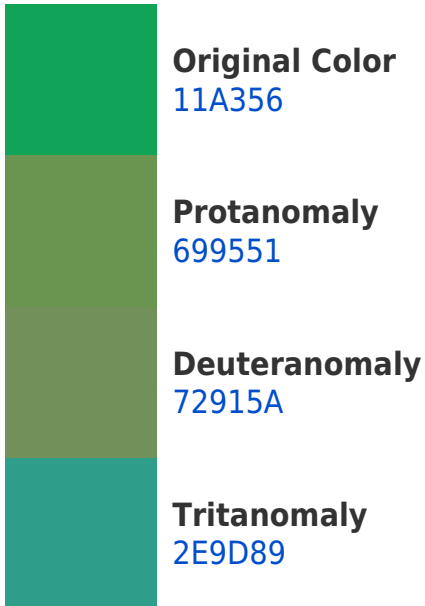
Dichromacy



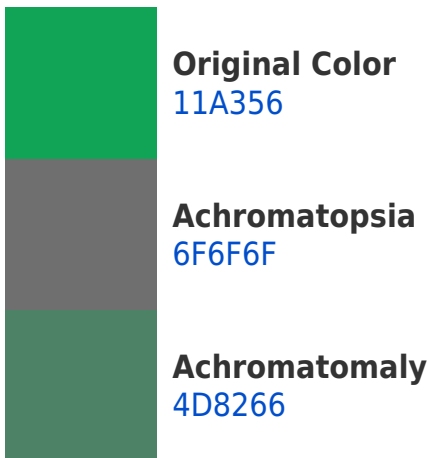


Tritanopia
3F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 11A356 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 #11A356 looks like.

```
.text, #text, p{  
    color:#11A356  
}
```

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 #11A356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11A356
}
```

Border

The CSS property to change the border of an element to Hex 11A356 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
#11A356 }
```

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

```
.border{ border-color:#11A356 }
```

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

Here you see how a box with a 4 pixel #11A356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11A356; -webkit-box-shadow:4px 4px  
4px 4px #11A356; box-shadow:4px 4px 4px  
4px #11A356 }
```

Background

The CSS property to change the background color of an element to Hex 11A356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11A356 }
```

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

```
.background{ background-color:#11A356 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor