

# Converting Colors

Hex(14B056)

Have a look what the booklet for  
Hex(14B056) contains.

<b>Hex(14B056)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(14B056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14B056
RGB	20, 176, 86
RGB Percent	8%, 69%, 34%
CMY	0.9216, 0.3098, 0.6627
CMYK	0.89, 0.00, 0.51, 0.31
HSL	145°, 80%, 38%
HSV	145°, 89%, 69%
XYZ	17.4935, 31.8713, 14.0339
YIQ	119.0960, -64.0860, -61.0620

# Conversions

## Conversions Part 2

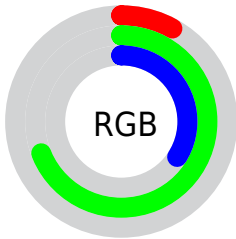
Format	Color
<a href="#">RYB</a>	<a href="#">20, 130, 176</a>
Decimal	<a href="#">1355862</a>
CIELab	<a href="#">63.24, -57.12, 35.59</a>
CIELCh	<a href="#">63, 67.302, 148.077</a>
Yxy	<a href="#">31.8713, 0.2759, 0.5027</a>
Android (android.graphics.Color)	<a href="#">4279545942</a> ( <a href="#">0xFF14B056</a> )
YUV	<a href="#">119.0960, -16.3163, -86.9072</a>
Hunter-Lab	<a href="#">56.4547, -43.4840, 24.7796</a>

# Details

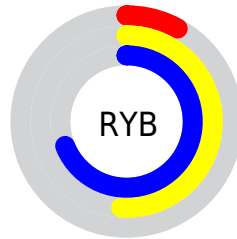
The Hex color **14B056** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B0146E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62E989**, and **007A25** is the 20% darker color. If you saturate the color by 10%, you get **02B04C**, and if you desaturate by 10%, it is **26B060**.

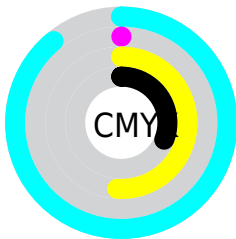
# Distribution



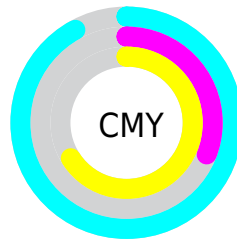
- Red (8%)
- Green (69%)
- Blue (34%)



- Red (8%)
- Yellow (51%)
- Blue (69%)



- Cyan (89%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (92%)
- Magenta (31%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14B056 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 14B056 by changing the saturation by 10% instead.



 14B056

 14B056

FFFFFF

 00953D

 62E989

 007A25

 81FFA4

 00600B

 9FFFC0

 004700

 BDFFD C

 003000

 DBFF F9

 001300

 F9FFF F

 000000

 14B056

 14B056

 02B04C

 26B060

 00B04A

 37B06A

 49B074

 5AB07F

 6CB089

 7EB093

 8FB09D

 A1B0A7

 B2B0B1

# Harmonies

## Analogous

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



7FA61F



14B056



00B593

# Triad

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



14B056



00A1FF



FF6564

# Complementary

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



14B056



B0146E

# 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.



FF5DA0



14B056



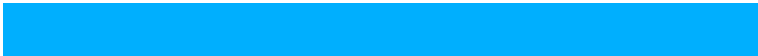
908BFF

# Square

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



14B056



00AFFE



DD6FD9



E77D30

# Rectangle

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



14B056



00B5BD



DD6FD9



FF5F78



# Sweetspot

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



14B056



A8E6C2



6FB014



4E735E



F2F2F2



737373



# Same Dimension

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



14B056



00E661



14B0A3



505954



009941



001A0B



# Inverse Universe

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



B0146E



E60084



B01421



595055



990058



1A000F



# Previews

## White Background



This preview shows how the Hex color 14B056 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



This preview shows how the Hex color 14B056 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

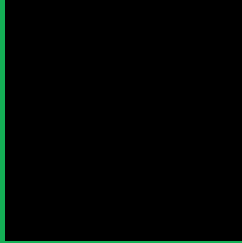
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 14B056 Background



This preview shows how black text looks on a background with the Hex color 14B056.

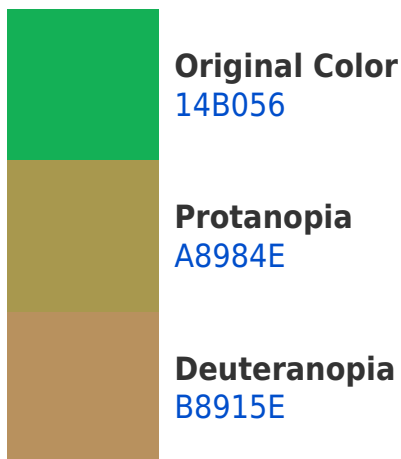


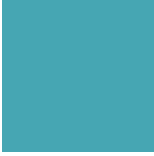
This preview shows how white text looks on a background with the Hex color 14B056.

# 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**  
46A6B3

# Trichromacy



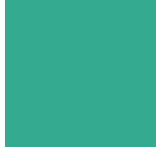
**Original Color**  
14B056



**Protanomaly**  
72A151



**Deuteranomaly**  
7C9C5B



**Tritanomaly**  
34AA91

# Monochromacy



**Original Color**  
14B056



**Achromatopsia**  
777777



**Achromatomaly**  
538C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14B056 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 #14B056 looks like.

```
.text, #text, p{  
    color:#14B056  
}
```

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 #14B056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14B056
}
```

## Border

The CSS property to change the border of an element to Hex 14B056 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
#14B056 }
```

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

```
.border{ border-color:#14B056 }
```

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

Here you see how a box with a 4 pixel #14B056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14B056; -webkit-box-shadow:4px 4px  
4px 4px #14B056; box-shadow:4px 4px 4px  
4px #14B056 }
```

# Background

The CSS property to change the background color of an element to Hex 14B056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14B056 }
```

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

```
.background{ background-color:#14B056 }
```

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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