

Converting Colors

Hex(14B360)

Have a look what the booklet for
Hex(14B360) contains.

Hex(14B360)	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(14B360)

Conversions

Conversions Part 1

Format	Color
Hex	14B360
RGB	20, 179, 96
RGB Percent	8%, 70%, 38%
CMY	0.9216, 0.2980, 0.6235
CMYK	0.89, 0.00, 0.46, 0.30
HSL	149°, 80%, 39%
HSV	149°, 89%, 70%
XYZ	18.5199, 33.2334, 16.5049
YIQ	121.9970, -68.1210, -59.5210

Conversions

Conversions Part 2

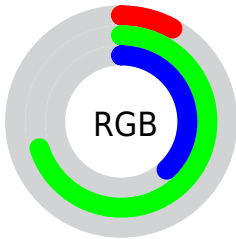
Format	Color
RYB	20, 128, 179
Decimal	1356640
CIELab	64.35, -56.46, 31.89
CIElCh	64, 64.850, 150.539
Yxy	33.2334, 0.2713, 0.4869
Android (android.graphics.Color)	4279546720 (0xFF14B360)
YUV	121.9970, -12.8165, -89.4514
Hunter-Lab	57.6485, -43.5406, 23.3790

Details

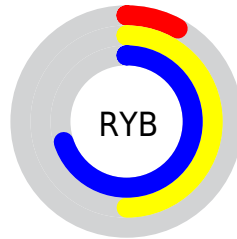
The Hex color **14B360** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B31467**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **63EC94**, and **007D2F** is the 20% darker color. If you saturate the color by 10%, you get **02B357**, and if you desaturate by 10%, it is **26B369**.

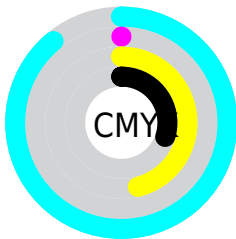
Distribution



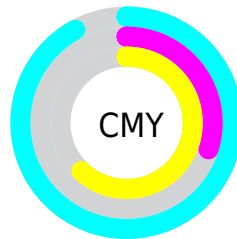
- Red (8%)
- Green (70%)
- Blue (38%)



- Red (8%)
- Yellow (50%)
- Blue (70%)



- Cyan (89%)
- Magenta (0%)
- Yellow (46%)
- Black (30%)



- Cyan (92%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14B360 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 14B360 by changing the saturation by 10% instead.

 14B360

 14B360

FFFFFF

 009847

 63EC94

 007D2F

 82FFAF

 006318

 A0FFCA

 004900

 BEFFE7

 003200

 DCFFFF

 001800

 FAFFFF

 000000

 14B360

 14B360

 02B357

 26B369

■ 00B356

■ 38B373

■ 4AB37C

■ 5CB385

■ 6DB38F

■ 7FB398

■ 91B3A1

■ A3B3AB

■ B5B3B4

Harmonies

Analogous

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



7EAA2D



14B360



00B79B

Triad

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



14B360



00A2FF



FF6C65

Complementary

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



14B360



B31467

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.



FF639D



14B360



9D8CFF

Square

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



14B360



00B0FF



E273D6



E58334

Rectangle

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



14B360



00B7C3



E273D6



FF6777

Sweetspot

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



14B360



A9E8C7



69B314



507562



F5F5F5



757575

Same Dimension

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



14B360



00E86F



14B3AE



505955



009949



001A0C

Inverse Universe

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



B31467



E80079



B31419



595055



990050



1A000D

Previews

White Background



This preview shows how the Hex color 14B360 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 14B360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

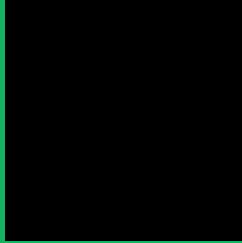
Any Text WCAG AA ✓ Pass

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 14B360 Background



This preview shows how black text looks on a background with the Hex color 14B360.

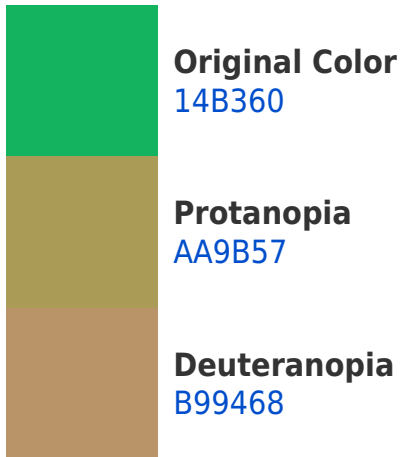


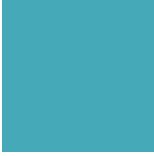
This preview shows how white text looks on a background with the Hex color 14B360.

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
45A9B7

Trichromacy



Original Color

14B360



Protanomaly

73A45A



Deuteranomaly

7D9F65



Tritanomaly

33AD97

Monochromacy



Original Color

14B360



Achromatopsia

7A7A7A



Achromatomaly

558F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 14B360 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 #14B360 looks like.

```
.text, #text, p{  
    color:#14B360  
}
```

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 #14B360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14B360
}
```

Border

The CSS property to change the border of an element to Hex 14B360 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
#14B360 }
```

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

```
.border{ border-color:#14B360 }
```

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

Here you see how a box with a 4 pixel #14B360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14B360; -webkit-box-shadow:4px 4px  
4px 4px #14B360; box-shadow:4px 4px 4px  
4px #14B360 }
```

Background

The CSS property to change the background color of an element to Hex 14B360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14B360 }
```

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

```
.background{ background-color:#14B360 }
```

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