

Converting Colors

Hex(148145)

Have a look what the booklet for
Hex(148145) contains.

Hex(148145)	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(148145)

Conversions

Conversions Part 1

Format	Color
Hex	148145
RGB	20, 129, 69
RGB Percent	8%, 51%, 27%
CMY	0.9216, 0.4941, 0.7294
CMYK	0.84, 0.00, 0.47, 0.49
HSL	147°, 73%, 29%
HSV	147°, 84%, 51%
XYZ	9.2129, 16.2789, 8.2868
YIQ	89.5690, -45.7040, -41.7680

Conversions

Conversions Part 2

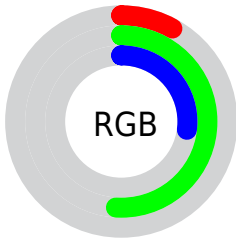
Format	Color
RYB	20, 95, 129
Decimal	1343813
CIELab	47.34, -43.33, 24.45
CIELCh	47, 49.751, 150.567
Yxy	16.2789, 0.2727, 0.4819
Android (android.graphics.Color)	4279533893 (0xFF148145)
YUV	89.5690, -10.1405, -61.0120
Hunter-Lab	40.3471, -29.8485, 16.0656

Details

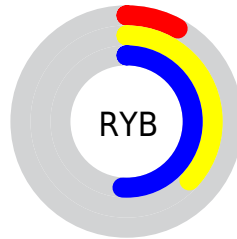
The Hex color **148145** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **811450**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **55B776**, and **004E18** is the 20% darker color. If you saturate the color by 10%, you get **07813E**, and if you desaturate by 10%, it is **21814C**.

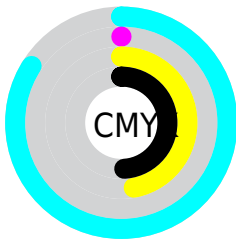
Distribution



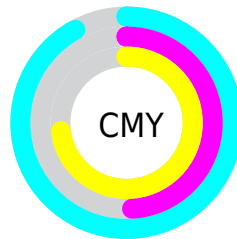
- Red (8%)
- Green (51%)
- Blue (27%)



- Red (8%)
- Yellow (37%)
- Blue (51%)



- Cyan (84%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (92%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 148145 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 148145 by changing the saturation by 10% instead.

 148145


 148145

FFFFFF

 00672E

 55B776

 004E18

 71D390

 003600

 8EF0AB

 002100

 AAFFC6

 000000

 C7FFE2

 E4FFFF

 148145

 148145

 07813E

 21814C

■ 00813A

■ 2E8153

■ 3B815A

■ 488161

■ 558169

■ 618170

■ 6E8177

■ 7B817E

■ 888185

Harmonies

Analogous

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



5B7A21



148145



008470

Triad

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



148145



0075C4



B94E48

Complementary

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



148145



811450

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.



BA4871



148145



7165B9

Square

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



148145



007FB9



A3539A



A65E26

Rectangle

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



148145



00848C



A3539A



BC4A55

Sweetspot

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



148145



7EA891



528114



3B5446



D4D4D4



545454

Same Dimension

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



148145



00A84C



14817A



39403C



008039



000000

Inverse Universe

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



811450



A8005D



81141B



40393D



800046



000000

Previews

White Background



This preview shows how the Hex color 148145 looks on a white background.

Color Contrast Check

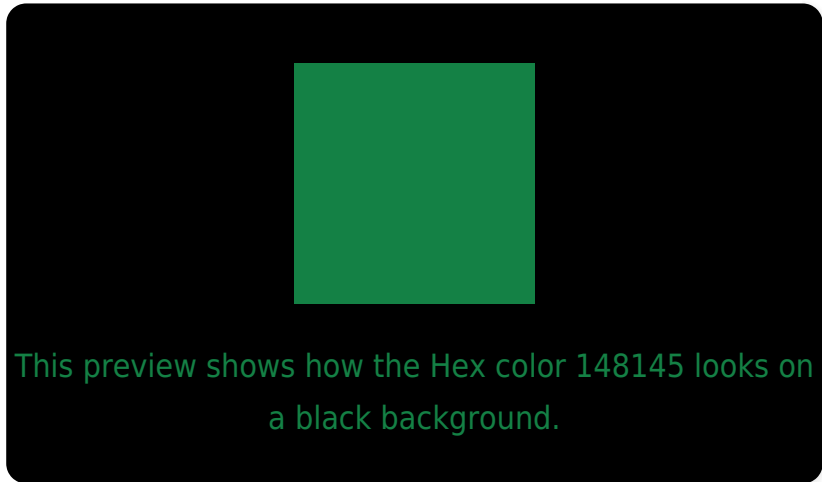
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 148145 Background



This preview shows how black text looks on a background with the Hex color 148145.



This preview shows how white text looks on a background with the Hex color 148145.

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](#).

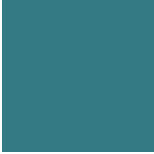
Dichromacy



Original Color
148145

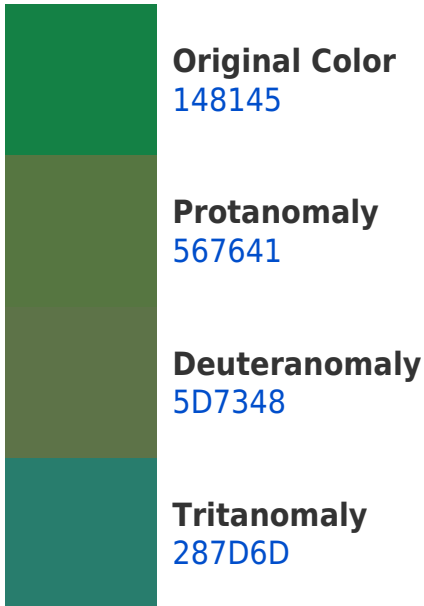
Protanopia
7B703F

Deuteranopia
866B4A

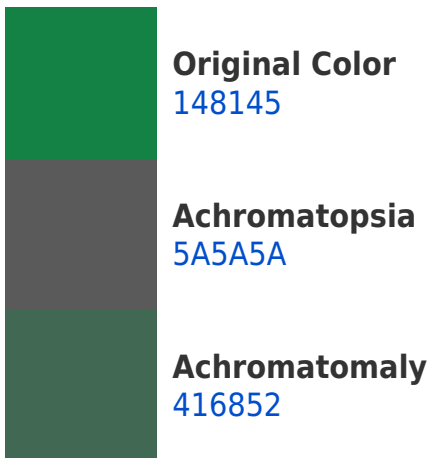


Tritanopia
347A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 148145 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 #148145 looks like.

```
.text, #text, p{  
    color:#148145  
}
```

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 #148145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #148145
}
```

Border

The CSS property to change the border of an element to Hex 148145 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
#148145 }
```

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

```
.border{ border-color:#148145 }
```

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

Here you see how a box with a 4 pixel #148145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #148145; -webkit-box-shadow:4px 4px  
4px 4px #148145; box-shadow:4px 4px 4px  
4px #148145 }
```

Background

The CSS property to change the background color of an element to Hex 148145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#148145 }
```

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

```
.background{ background-color:#148145 }
```

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