

# Converting Colors

Hex(147149)

Have a look what the booklet for  
Hex(147149) contains.

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# Color

Hex(147149)

# Conversions

## Conversions Part 1

Format	Color
Hex	147149
RGB	20, 113, 73
RGB Percent	8%, 44%, 29%
CMY	0.9216, 0.5569, 0.7137
CMYK	0.82, 0.00, 0.35, 0.56
HSL	154°, 70%, 26%
HSV	154°, 82%, 44%
XYZ	7.3962, 12.4400, 8.3147
YIQ	80.6330, -42.5880, -32.1560

# Conversions

## Conversions Part 2

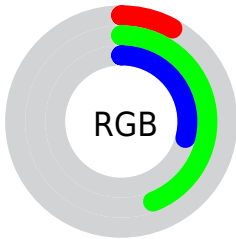
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 79, 113
Decimal	1339721
CIELab	41.91, -36.13, 14.99
CIELCh	42, 39.120, 157.471
Yxy	12.4400, 0.2627, 0.4419
Android (android.graphics.Color)	4279529801 (0xFF147149)
YUV	80.6330, -3.7631, -53.1751
Hunter-Lab	35.2704, -24.2917, 10.7122

# Details

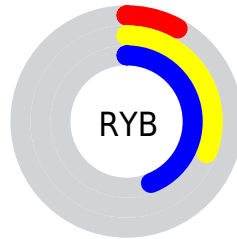
The Hex color **147149** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **71143C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **51A67A**, and **00401D** is the 20% darker color. If you saturate the color by 10%, you get **097144**, and if you desaturate by 10%, it is **1F714E**.

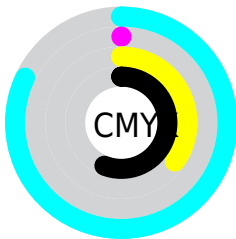
# Distribution



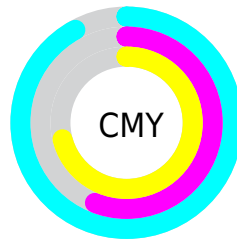
- Red (8%)
- Green (44%)
- Blue (29%)



- Red (8%)
- Yellow (31%)
- Blue (44%)



- Cyan (82%)
- Magenta (0%)
- Yellow (35%)
- Black (56%)



- Cyan (92%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 147149 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 147149 by changing the saturation by 10% instead.



 147149

 147149

FFFFFF

 005832

 51A67A

 00401D

 6CC194

 002A05

 88DDAE

 000D00

 A3FACA

 000000

 C0FFE6

 DCFFFF

 FAFFFF

 147149

 147149

■ 097144

■ 1F714E

■ 007140

■ 2B7153

■ 367158

■ 41715C

■ 4D7161

■ 587166

■ 63716B

■ 6E7170

■ 7A7175

# Harmonies

## Analogous

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



4B6C2D



147149



00736A

# Triad

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



147149



3564A3



9A4C3D

# Complementary

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



147149



71143C

# 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.



9E465C



147149



6F5796

# Square

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



147149



006D9E



904B7C



885826

# Rectangle

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



147149



007280



904B7C



9D4947



# Sweetspot

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



147149



6F9484



3C7114



344A40



C9C9C9



4A4A4A



# Same Dimension

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



147149



019455



146B71



323836



007844



00F78D



# Inverse Universe

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



71143C



940140



711A14



383235



780034

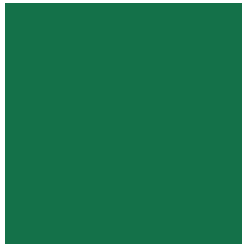


F7006A



# Previews

## White Background



This preview shows how the Hex color 147149 looks on a white background.

## Color Contrast Check

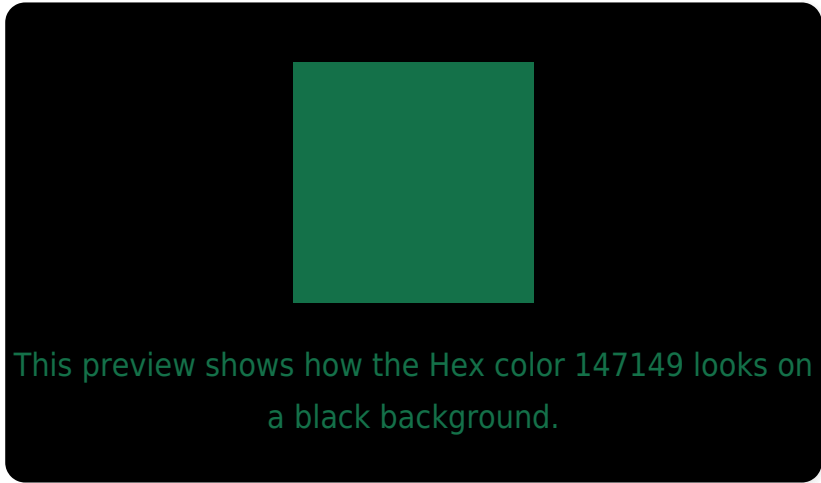
Large Text (above 18pt) WCAG AA ✓ Pass

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

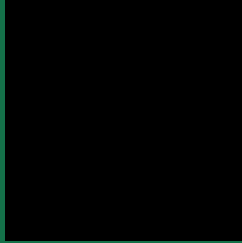
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 147149 Background



This preview shows how black text looks on a background with the Hex color 147149.



This preview shows how white text looks on a background with the Hex color 147149.

# 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**  
147149

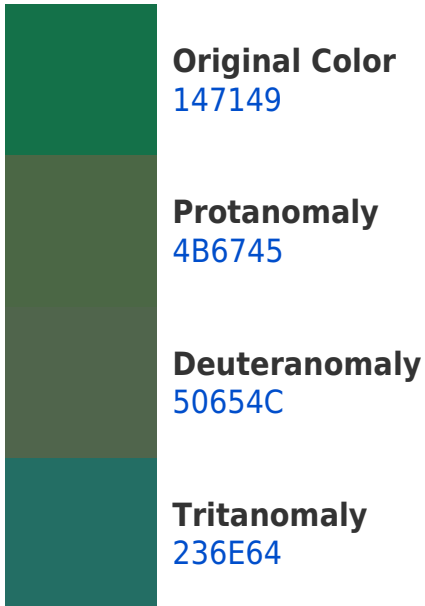
**Protanopia**  
6B6243

**Deuteranopia**  
735E4D

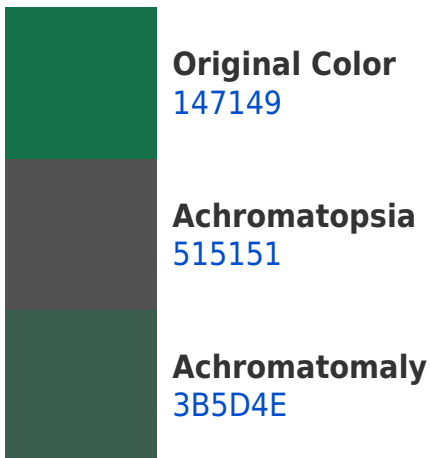


**Tritanopia**  
2B6C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 147149 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 #147149 looks like.

```
.text, #text, p{  
    color:#147149  
}
```

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 #147149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147149
}
```

## Border

The CSS property to change the border of an element to Hex 147149 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
#147149 }
```

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

```
.border{ border-color:#147149 }
```

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

Here you see how a box with a 4 pixel #147149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147149; -webkit-box-shadow:4px 4px  
4px 4px #147149; box-shadow:4px 4px 4px  
4px #147149 }
```

# Background

The CSS property to change the background color of an element to Hex 147149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147149 }
```

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

```
.background{ background-color:#147149 }
```

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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