

# Converting Colors

Hex(147950)

Have a look what the booklet for  
Hex(147950) contains.

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# Color

Hex(147950)

# Conversions

## Conversions Part 1

Format	Color
Hex	147950
RGB	20, 121, 80
RGB Percent	8%, 47%, 31%
CMY	0.9216, 0.5255, 0.6863
CMYK	0.83, 0.00, 0.34, 0.53
HSL	156°, 72%, 28%
HSV	156°, 83%, 47%
XYZ	8.5738, 14.4027, 9.9175
YIQ	86.1270, -47.0350, -34.1630

# Conversions

## Conversions Part 2

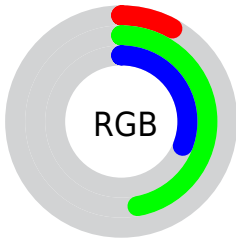
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 83, 121
Decimal	1341776
CIELab	44.80, -37.85, 14.85
CIELCh	45, 40.658, 158.578
Yxy	14.4027, 0.2607, 0.4379
Android (android.graphics.Color)	4279531856 (0xFF147950)
YUV	86.1270, -3.0206, -57.9934
Hunter-Lab	37.9508, -26.0873, 11.0716

# Details

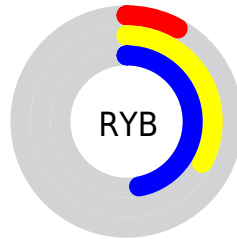
The Hex color **147950** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **79143D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **53AE81**, and **004723** is the 20% darker color. If you saturate the color by 10%, you get **08794B**, and if you desaturate by 10%, it is **207955**.

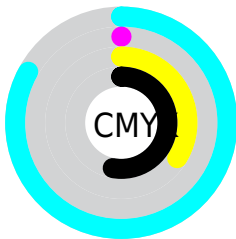
# Distribution



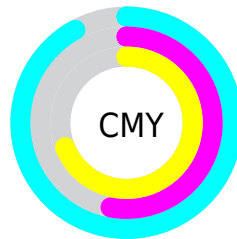
- Red (8%)
- Green (47%)
- Blue (31%)



- Red (8%)
- Yellow (33%)
- Blue (47%)



- Cyan (83%)
- Magenta (0%)
- Yellow (34%)
- Black (53%)



- Cyan (92%)
- Magenta (53%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 147950 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 147950 by changing the saturation by 10% instead.



 147950

 147950

FFFFFF

 006039

 53AE81

 004723

 6FCA9C

 00300E

 8BE6B6

 001900

 A7FFD2

 000000

 C3FFEE

 E0FFFF

 FEFFFF

 147950

 147950

08794B

207955

007948

2C795A

38795F

447964

507969

5D796D

697972

757977

81797C

# Harmonies

## Analogous

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



4F7432



147950



007B73

# Triad

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



147950



3D6AAD



A45341

# Complementary

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



147950



79143D

# 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.



A84C62



147950



795D9F

# Square

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



147950



0074A9



9B5083



915F2A

# Rectangle

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



147950



007A89



9B5083



A74F4C



# Sweetspot

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



147950



779E8E



3E7914



374F45



CFCFCF



4F4F4F



# Same Dimension

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



147950



009E5E



147179



373D3B



007D4A



00FC96



# Inverse Universe

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



79143D



9E0040



791C14



3D373A



7D0033



FC0066



# Previews

## White Background



This preview shows how the Hex color 147950 looks on a white background.

## Color Contrast Check

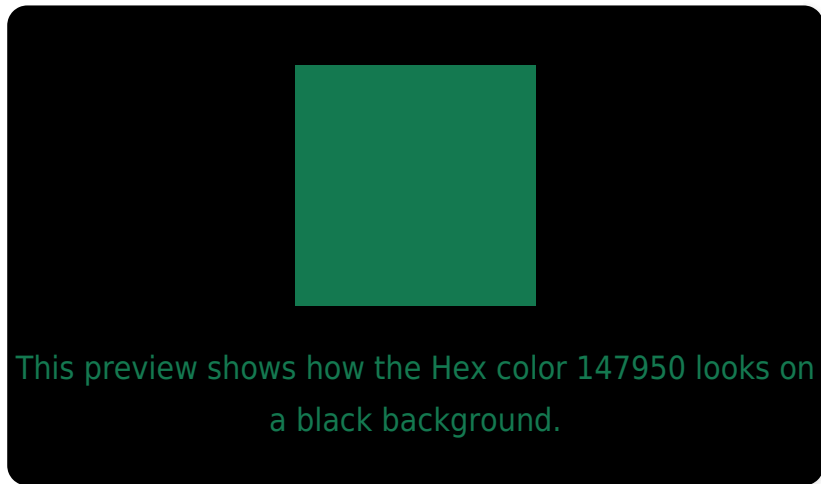
Large Text (above 18pt) WCAG AA ✓ Pass

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 147950 Background



This preview shows how black text looks on a background with the Hex color 147950.



This preview shows how white text looks on a background with the Hex color 147950.

# 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**  
147950

**Protanopia**  
726949

**Deuteranopia**  
7B6554



**Tritanopia**  
2E737D

# Trichromacy



**Original Color**  
147950



**Protanomaly**  
506F4C



**Deuteranomaly**  
566C53



**Tritanomaly**  
25756D

# Monochromacy



**Original Color**  
147950



**Achromatopsia**  
565656



**Achromatomaly**  
3E6354

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 147950 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 #147950 looks like.

```
.text, #text, p{  
    color:#147950  
}
```

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 #147950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147950
}
```

## Border

The CSS property to change the border of an element to Hex 147950 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
#147950 }
```

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

```
.border{ border-color:#147950 }
```

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

Here you see how a box with a 4 pixel #147950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147950; -webkit-box-shadow:4px 4px  
4px 4px #147950; box-shadow:4px 4px 4px  
4px #147950 }
```

# Background

The CSS property to change the background color of an element to Hex 147950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147950 }
```

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

```
.background{ background-color:#147950 }
```

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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