

# Converting Colors

Hex(11744E)

Have a look what the booklet for  
Hex(11744E) contains.

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# Color

Hex(11744E)

# Conversions

## Conversions Part 1

Format	Color
Hex	11744E
RGB	17, 116, 78
RGB Percent	7%, 45%, 31%
CMY	0.9333, 0.5451, 0.6941
CMYK	0.85, 0.00, 0.33, 0.55
HSL	157°, 74%, 26%
HSV	157°, 85%, 45%
XYZ	7.8517, 13.1600, 9.3340
YIQ	82.0670, -46.8060, -32.8060

# Conversions

## Conversions Part 2

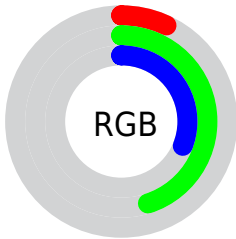
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 78, 116
Decimal	1143886
CIELab	43.00, -36.56, 13.54
CIELCh	43, 38.992, 159.675
Yxy	13.1600, 0.2587, 0.4337
Android (android.graphics.Color)	4279333966 (0xFF11744E)
YUV	82.0670, -2.0050, -57.0638
Hunter-Lab	36.2767, -24.8499, 10.1383

# Details

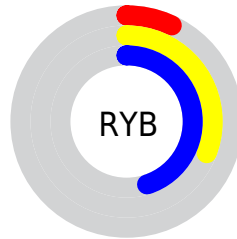
The Hex color **11744E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **741137**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50A97F**, and **004321** is the 20% darker color. If you saturate the color by 10%, you get **05744A**, and if you desaturate by 10%, it is **1D7452**.

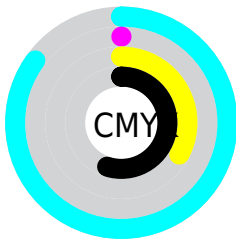
# Distribution



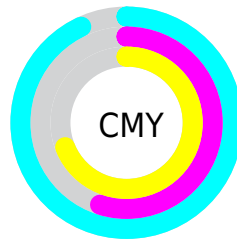
- Red (7%)
- Green (45%)
- Blue (31%)



- Red (7%)
- Yellow (31%)
- Blue (45%)



- Cyan (85%)
- Magenta (0%)
- Yellow (33%)
- Black (55%)




- Cyan (93%)
- Magenta (55%)
- Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11744E 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 11744E by changing the saturation by 10% instead.



 11744E

 11744E

FFFFFF

 005B37

 50A97F

 004321

 6CC499

 002C0C

 88E1B4

 001200


 A4FED0

 000000

 C0FFEC

 D0FFFF

 FAFFFF

 11744E

 11744E

■ 05744A

■ 1D7452

■ 007447

■ 287457

■ 34745B

■ 3F7460

■ 4B7464

■ 577469

■ 62746D

■ 6E7472

■ 797476

# Harmonies

## Analogous

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



4B6F32



11744E



00766F

# Triad

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



11744E



3E66A5



9C503E

# Complementary

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



11744E



741137

# 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.



A1495C



11744E



755997

# Square

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



11744E



006FA2



954D7D



8A5C28

# Rectangle

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



11744E



007585



954D7D



A04D47



# Sweetspot

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



11744E



6F9687



397411



354D43



CCCCCC



4D4D4D



# Same Dimension

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



11744E



00965D



116A74



353B38



007A4B



00FA9A



# Inverse Universe

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



741137



96003A



741B11



3B3537



7A002F

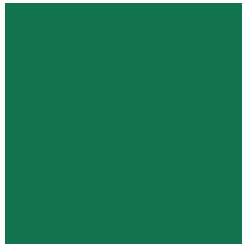


FA0060



# Previews

## White Background



This preview shows how the Hex color 11744E looks on a white background.

### Color Contrast Check

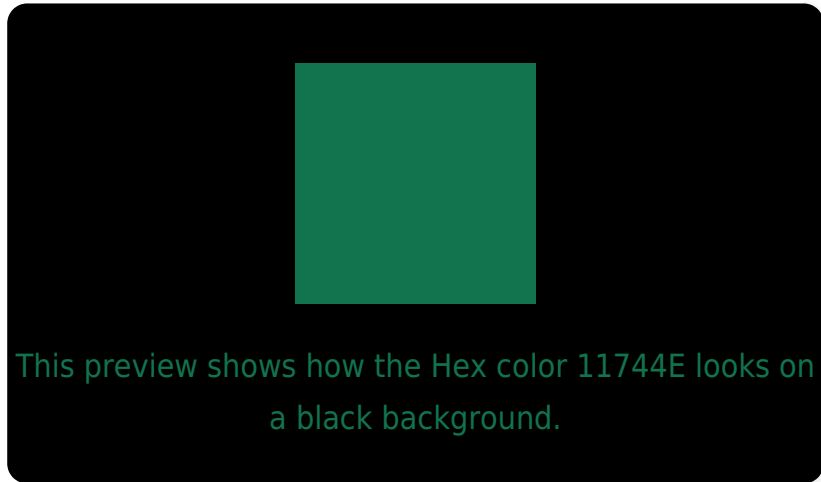
Large Text (above 18pt) WCAG AA ✓ Pass

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 11744E Background



This preview shows how black text looks on a background with the Hex color 11744E.



This preview shows how white text looks on a background with the Hex color 11744E.

# 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**  
11744E

**Protanopia**  
6D6547

**Deuteranopia**  
756152



**Tritanopia**  
2B6F78

# Trichromacy



**Original Color**  
11744E

**Protanomaly**  
4C6A4A

**Deuteranomaly**  
516851

**Tritanomaly**  
227169

# Monochromacy



**Original Color**  
11744E

**Achromatopsia**  
525252

**Achromatomaly**  
3A5E51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11744E 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 #11744E looks like.

```
.text, #text, p{  
    color:#11744E  
}
```

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 #11744E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11744E
}
```

## Border

The CSS property to change the border of an element to Hex 11744E 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
#11744E }
```

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

```
.border{ border-color:#11744E }
```

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

Here you see how a box with a 4 pixel #11744E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11744E; -webkit-box-shadow:4px 4px  
4px 4px #11744E; box-shadow:4px 4px 4px  
4px #11744E }
```

# Background

The CSS property to change the background color of an element to Hex 11744E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11744E }
```

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

```
.background{ background-color:#11744E }
```

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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