

# Converting Colors

Hex(146C52)

Have a look what the booklet for  
Hex(146C52) contains.

<b>Hex(146C52)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(146C52)

# Conversions

## Conversions Part 1

Format	Color
Hex	146C52
RGB	20, 108, 82
RGB Percent	8%, 42%, 32%
CMY	0.9216, 0.5765, 0.6784
CMYK	0.81, 0.00, 0.24, 0.58
HSL	162°, 69%, 25%
HSV	162°, 81%, 42%
XYZ	7.1740, 11.4830, 9.8210
YIQ	78.7240, -44.1020, -26.7420

# Conversions

## Conversions Part 2

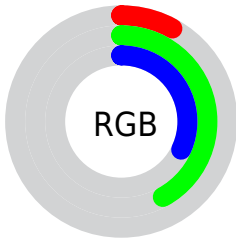
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 72, 108
Decimal	1338450
CIELab	40.38, -31.72, 7.52
CIELCh	40, 32.600, 166.668
Yxy	11.4830, 0.2519, 0.4032
Android (android.graphics.Color)	4279528530 (0xFF146C52)
YUV	78.7240, 1.6151, -51.5009
Hunter-Lab	33.8866, -21.5119, 6.5373

# Details

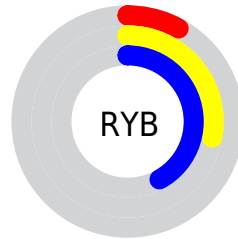
The Hex color **146C52** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6C142E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **50A083**, and **003B25** is the 20% darker color. If you saturate the color by 10%, you get **096C4F**, and if you desaturate by 10%, it is **1F6C55**.

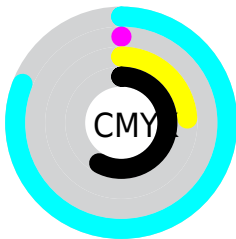
# Distribution



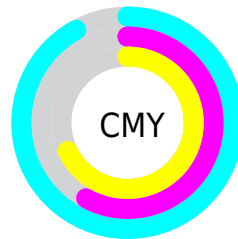
- Red (8%)
- Green (42%)
- Blue (32%)



- Red (8%)
- Yellow (28%)
- Blue (42%)



- Cyan (81%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (92%)
- Magenta (58%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 146C52 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 146C52 by changing the saturation by 10% instead.



 146C52

 146C52

FFFFFF

 00533B

 50A083

 003B25

 6BBB9D

 002611

 86D7B8

 000300

 A2F4D4

 000000

 BEFFF0

 DBFFFF

 F8FFFF

 146C52

 146C52

■ 096C4F

■ 1F6C55

■ 006C4C

■ 2A6C58

■ 346C5C

■ 3F6C5F

■ 4A6C62

■ 556C65

■ 606C68

■ 6A6C6C

■ 756C6F

# Harmonies

## Analogous

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



426939



146C52



006D6E

# Triad

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



146C52



4E5D92



8B5039

# Complementary

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



146C52



6C142E

# 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.



924951



146C52



745284

# Square

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



146C52



006593



8B4A6C



795A2A

# Rectangle

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



146C52



006C7E



8B4A6C



8E4D41



# Sweetspot

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



146C52



6B8C82



2E6C14



334741



C7C7C7



474747



# Same Dimension

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



146C52



038C64



145A6C



303634



007553



00F5AC



# Inverse Universe

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



6C142E



8C032B



6C2614



363032



750023



F50048



# Previews

## White Background



This preview shows how the Hex color 146C52 looks on a white background.

## Color Contrast Check

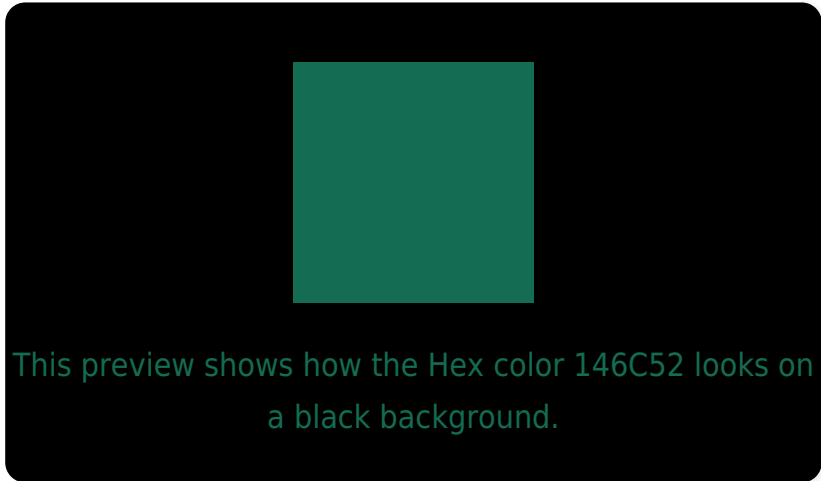
Large Text (above 18pt) WCAG AA ✓ Pass

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

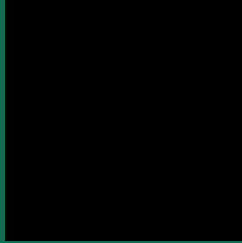
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 146C52 Background



This preview shows how black text looks on a background with the Hex color 146C52.



This preview shows how white text looks on a background with the Hex color 146C52.

# 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**  
146C52

**Protanopia**  
655F4C

**Deuteranopia**  
6B5B56



**Tritanopia**  
276870

# Trichromacy



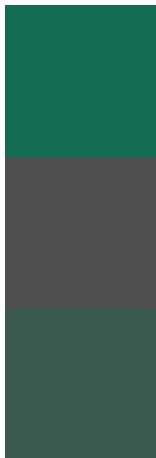
**Original Color**  
146C52

**Protanomaly**  
48644E

**Deuteranomaly**  
4B6155

**Tritanomaly**  
206965

# Monochromacy



**Original Color**  
146C52

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
3A5A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 146C52 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 #146C52 looks like.

```
.text, #text, p{  
    color:#146C52  
}
```

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 #146C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146C52
}
```

## Border

The CSS property to change the border of an element to Hex 146C52 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
#146C52 }
```

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

```
.border{ border-color:#146C52 }
```

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

Here you see how a box with a 4 pixel #146C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146C52; -webkit-box-shadow:4px 4px  
4px 4px #146C52; box-shadow:4px 4px 4px  
4px #146C52 }
```

# Background

The CSS property to change the background color of an element to Hex 146C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146C52 }
```

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

```
.background{ background-color:#146C52 }
```

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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