

Converting Colors

Hex(146A39)

Have a look what the booklet for
Hex(146A39) contains.

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Color

Hex(146A39)

Conversions

Conversions Part 1

Format	Color
Hex	146A39
RGB	20, 106, 57
RGB Percent	8%, 42%, 22%
CMY	0.9216, 0.5843, 0.7765
CMYK	0.81, 0.00, 0.46, 0.58
HSL	146°, 68%, 25%
HSV	146°, 81%, 42%
XYZ	6.1810, 10.7522, 5.6205
YIQ	74.7000, -35.5270, -33.4710

Conversions

Conversions Part 2

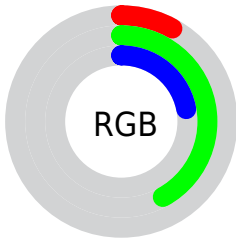
Format	Color
R_{YB}	20, 80, 106
Decimal	1337913
CIE _{Lab}	39.16, -36.69, 20.64
CIE _{LCh}	39, 42.095, 150.645
Yxy	10.7522, 0.2741, 0.4767
Android (android.graphics.Color)	4279527993 (0xFF146A39)
YUV	74.7000, -8.7261, -47.9719
Hunter-Lab	32.7905, -23.7361, 12.7907

Details

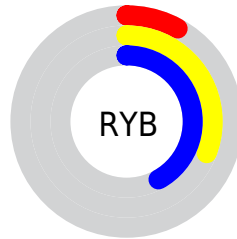
The Hex color **146A39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A1445**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4F9E69**, and **00390D** is the 20% darker color. If you saturate the color by 10%, you get **096A33**, and if you desaturate by 10%, it is **1F6A3F**.

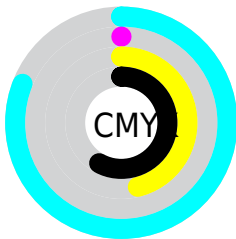
Distribution



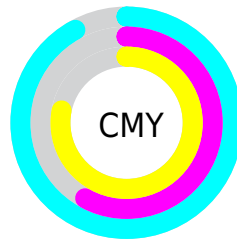
- Red (8%)
- Green (42%)
- Blue (22%)



- Red (8%)
- Yellow (31%)
- Blue (42%)



- Cyan (81%)
- Magenta (0%)
- Yellow (46%)
- Black (58%)



- Cyan (92%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 146A39 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 146A39 by changing the saturation by 10% instead.

 146A39

 146A39

FFFFFF

 005123

 4F9E69

 00390D

 6AB982

 002500

 85D59C

 000000

 A1F2B7

 BDFFD3

 D9FFEF

 F7FFFF

 146A39

 146A39

096A33

1F6A3F

006A2E

296A45

346A4B

3E6A51

496A57

546A5D

5E6A63

696A69

736A6F

Harmonies

Analogous

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



4B641C



146A39



006C5C

Triad

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



146A39



0060A1



98413B

Complementary

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



146A39



6A1445

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.



993C5D



146A39



5D5397

Square

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



146A39



006897



86447E



884E1F

Rectangle

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



146A39



006D73



86447E



9A3E46

Sweetspot

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



146A39



698A77



466A14



314539



C4C4C4



454545

Same Dimension

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



146A39



048A3E



146A63



303632



007532



00F569

Inverse Universe

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



6A1445



8A0450



6A141B



363033



750043



F5008B

Previews

White Background



This preview shows how the Hex color 146A39 looks on a white background.

Color Contrast Check

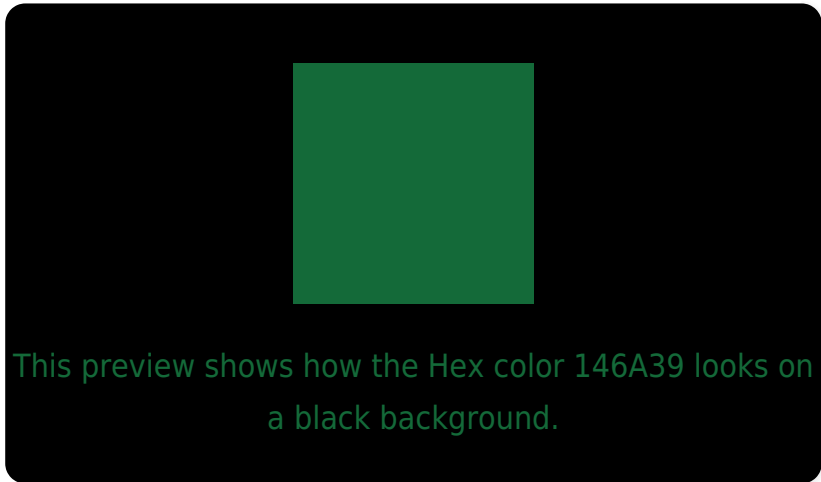
Large Text (above 18pt) WCAG AA ✓ Pass

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 146A39 Background



This preview shows how black text looks on a background with the Hex color 146A39.



This preview shows how white text looks on a background with the Hex color 146A39.

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
146A39

Protanopia
655C34

Deuteranopia
6E583D



Tritanopia
2C646C

Trichromacy



Original Color
146A39

Protanomaly
486136

Deuteranomaly
4D5F3C

Tritanomaly
236659

Monochromacy



Original Color
146A39

Achromatopsia
4B4B4B

Achromatomaly
375644

CSS Examples

Text

The CSS property to change the color of the text to Hex 146A39 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 #146A39 looks like.

```
.text, #text, p{  
    color:#146A39  
}
```

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 #146A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146A39
}
```

Border

The CSS property to change the border of an element to Hex 146A39 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
#146A39 }
```

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

```
.border{ border-color:#146A39 }
```

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

Here you see how a box with a 4 pixel #146A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146A39; -webkit-box-shadow:4px 4px  
4px 4px #146A39; box-shadow:4px 4px 4px  
4px #146A39 }
```

Background

The CSS property to change the background color of an element to Hex 146A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146A39 }
```

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

```
.background{ background-color:#146A39 }
```

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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