

Converting Colors

Hex(146A51)

Have a look what the booklet for
Hex(146A51) contains.

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Color

Hex(146A51)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 146A51 |
| RGB | 20, 106, 81 |
| RGB Percent | 8%, 42%, 32% |
| CMY | 0.9216, 0.5843, 0.6824 |
| CMYK | 0.81, 0.00, 0.24, 0.58 |
| HSL | 163°, 68%, 25% |
| HSV | 163°, 81%, 42% |
| XYZ | 6.9277, 11.0509, 9.5525 |
| YIQ | 77.4360, -43.2310, -26.0070 |

Conversions

Conversions Part 2

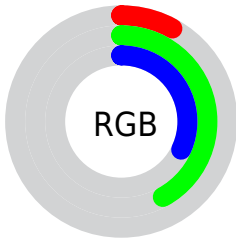
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 20, 70, 106 |
| Decimal | 1337937 |
| CIELab | 39.67, -31.08, 7.11 |
| CIELCh | 40, 31.883, 167.119 |
| Yxy | 11.0509, 0.2516, 0.4014 |
| Android (android.graphics.Color) | 4279528017 (0xFF146A51) |
| YUV | 77.4360, 1.7571, -50.3714 |
| Hunter-Lab | 33.2429, -20.9760, 6.2327 |

Details

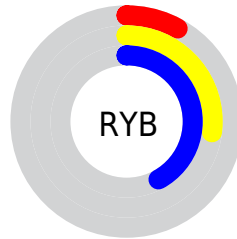
The Hex color **146A51** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A142D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4F9E82**, and **003A24** is the 20% darker color. If you saturate the color by 10%, you get **096A4E**, and if you desaturate by 10%, it is **1F6A54**.

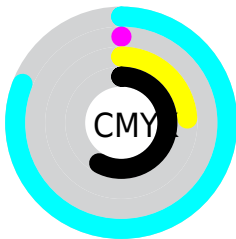
Distribution



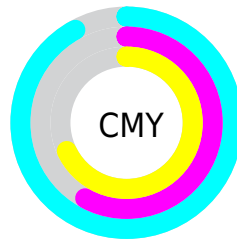
- Red (8%)
- Green (42%)
- Blue (32%)



- Red (8%)
- Yellow (27%)
- 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 146A51 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 146A51 by changing the saturation by 10% instead.



146A51



146A51

FFFFFF



00513A



4F9E82



003A24



6AB99C



002510



86D5B7



000000



A1F2D3



BDFFEF



DAFFFF



F7FFFF



146A51



146A51

096A4E

1F6A54

006A4B

296A57

346A5A

3E6A5D

496A60

546A63

5E6A67

696A6A

736A6D

Harmonies

Analogous

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



416739



146A51



006B6C

Triad

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



146A51



4D5B8F



884F38

Complementary

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



146A51



6A142D

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.



8F4850



146A51



725181

Square

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



146A51



066390



88496A



77582A

Rectangle

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



146A51



006A7C



88496A



8B4C3F

Sweetspot

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



146A51



698A80



2E6A14



31453F



C4C4C4



454545

Same Dimension

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



146A51



048A63



14596A



303634



007553



00F5AE

Inverse Universe

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



6A142D



8A042B



6A2514



363032



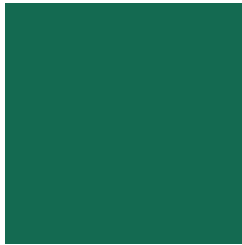
750022



F50047

Previews

White Background



This preview shows how the Hex color 146A51 looks on a white background.

Color Contrast Check

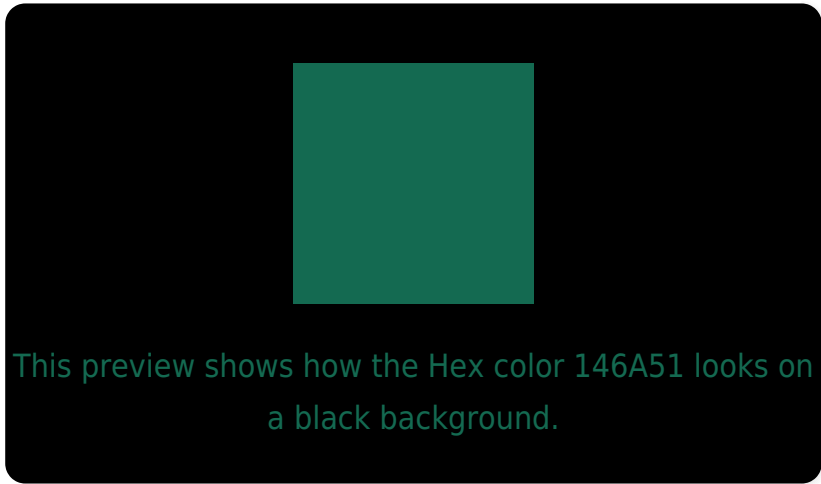
Large Text (above 18pt) WCAG AA ✓ Pass

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

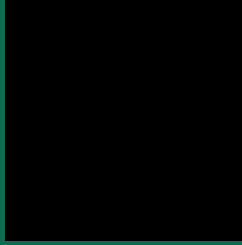
Any Text WCAG AA × Fail

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 146A51 Background



This preview shows how black text looks on a background with the Hex color 146A51.



This preview shows how white text looks on a background with the Hex color 146A51.

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
146A51

Protanopia
635D4B

Deuteranopia
695A55



Tritanopia
26666E

Trichromacy



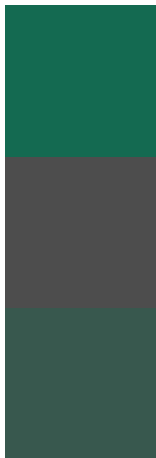
Original Color
146A51

Protanomaly
46624D

Deuteranomaly
4A6054

Tritanomaly
1F6763

Monochromacy



Original Color
146A51

Achromatopsia
4D4D4D

Achromatomaly
38584E

CSS Examples

Text

The CSS property to change the color of the text to Hex 146A51 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 #146A51 looks like.

```
.text, #text, p{  
    color:#146A51  
}
```

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 #146A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146A51
}
```

Border

The CSS property to change the border of an element to Hex 146A51 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
#146A51 }
```

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

```
.border{ border-color:#146A51 }
```

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

Here you see how a box with a 4 pixel #146A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146A51; -webkit-box-shadow:4px 4px  
4px 4px #146A51; box-shadow:4px 4px 4px  
4px #146A51 }
```

Background

The CSS property to change the background color of an element to Hex 146A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146A51 }
```

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

```
.background{ background-color:#146A51 }
```

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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