

# Converting Colors

Hex(146A65)

Have a look what the booklet for  
Hex(146A65) contains.

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# Color

**Hex(146A65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	146A65
RGB	20, 106, 101
RGB Percent	8%, 42%, 40%
CMY	0.9216, 0.5843, 0.6039
CMYK	0.81, 0.00, 0.05, 0.58
HSL	177°, 68%, 25%
HSV	177°, 81%, 42%
XYZ	7.7915, 11.3964, 14.1010
YIQ	79.7160, -49.6510, -19.7870

# Conversions

## Conversions Part 2

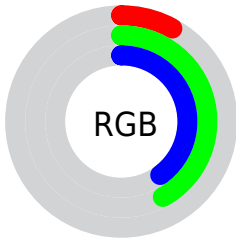
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 64, 106
Decimal	1337957
CIE <sub>Lab</sub>	40.24, -25.21, -4.22
CIE <sub>LCh</sub>	40, 25.564, 189.505
Yxy	11.3964, 0.2341, 0.3423
Android (android.graphics.Color)	4279528037 (0xFF146A65)
YUV	79.7160, 10.4930, -52.3709
Hunter-Lab	33.7585, -17.8795, -1.1346

# Details

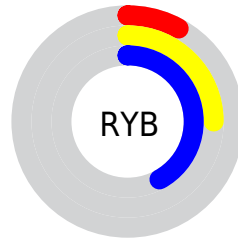
The Hex color **146A65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A1419**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **519E98**, and **003A36** is the 20% darker color. If you saturate the color by 10%, you get **096A64**, and if you desaturate by 10%, it is **1F6A66**.

# Distribution



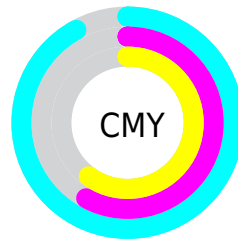
- Red (8%)
- Green (42%)
- Blue (40%)



- Red (8%)
- Yellow (25%)
- Blue (42%)



- Cyan (81%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (92%)
- Magenta (58%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 146A65 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 146A65 by changing the saturation by 10% instead.





146A65



146A65

FFFFFF



00514D



519E98



003A36



6CB9B3



002421



88D5CE



00020B



A4F1EA



000000



C0FFFF



DDFFFF



FAFFFF



146A65



146A65

■ 096A64

■ 1F6A66

■ 006A64

■ 296A66

■ 346A67

■ 3E6A67

■ 496A68

■ 546A69

■ 5E6A69

■ 696A6A

■ 736A6B

# Harmonies

## Analogous

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



356950



146A65



006979

# Triad

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



146A65



6A577F



795938

# Complementary

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



146A65



6A1419

# 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.



855245



146A65



7E516E

# Square

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



146A65



4B5F88



874E59



666035

# Rectangle

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



146A65



166782



874E59



7D563B



# Sweetspot

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



146A65



698A88



1A6A14



314544



C4C4C4



454545



# Same Dimension

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



146A65



048A82



14456A



303635



00756E



00F5E7



# Inverse Universe

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



6A1419



8A040C



6A3914



363031



750007

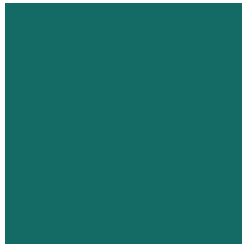


F5000E



# Previews

## White Background



This preview shows how the Hex color 146A65 looks on a white background.

## Color Contrast Check

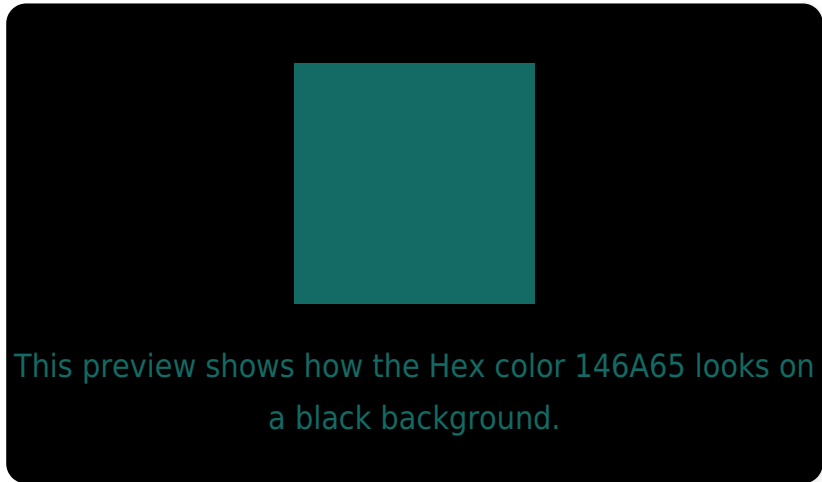
Large Text (above 18pt) WCAG AA ✓ Pass

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

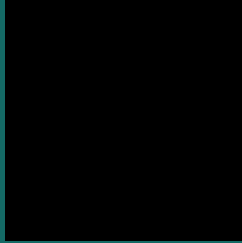
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 146A65 Background



This preview shows how black text looks on a background with the Hex color 146A65.



This preview shows how white text looks on a background with the Hex color 146A65.

# 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**  
146A65

**Protanopia**  
605E5E

**Deuteranopia**  
635C68



**Tritanopia**  
1E6871

# Trichromacy



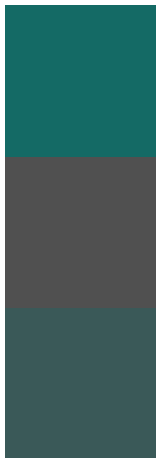
**Original Color**  
146A65

**Protanomaly**  
446261

**Deuteranomaly**  
466167

**Tritanomaly**  
1A696D

# Monochromacy



**Original Color**  
146A65

**Achromatopsia**  
505050

**Achromatomaly**  
3A5958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 146A65 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 #146A65 looks like.

```
.text, #text, p{  
    color:#146A65  
}
```

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 #146A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146A65
}
```

## Border

The CSS property to change the border of an element to Hex 146A65 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
#146A65 }
```

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

```
.border{ border-color:#146A65 }
```

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

Here you see how a box with a 4 pixel #146A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146A65; -webkit-box-shadow:4px 4px  
4px 4px #146A65; box-shadow:4px 4px 4px  
4px #146A65 }
```

# Background

The CSS property to change the background color of an element to Hex 146A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146A65 }
```

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

```
.background{ background-color:#146A65 }
```

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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