

# Converting Colors

Hex(126D44)

Have a look what the booklet for  
Hex(126D44) contains.

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# Color

Hex(126D44)

# Conversions

## Conversions Part 1

Format	Color
Hex	126D44
RGB	18, 109, 68
RGB Percent	7%, 43%, 27%
CMY	0.9294, 0.5725, 0.7333
CMYK	0.83, 0.00, 0.38, 0.57
HSL	153°, 72%, 25%
HSV	153°, 83%, 43%
XYZ	6.7615, 11.4832, 7.3290
YIQ	77.1170, -41.0750, -32.0430

# Conversions

## Conversions Part 2

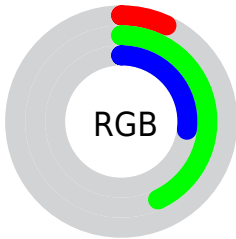
Format	Color
<b>RYB</b>	18, 77, 109
Decimal	1207620
CIELab	40.38, -35.85, 15.86
CIELCh	40, 39.203, 156.144
Yxy	11.4832, 0.2644, 0.4490
Android (android.graphics.Color)	4279397700 (0xFF126D44)
YUV	77.1170, -4.4947, -51.8456
Hunter-Lab	33.8869, -23.6859, 10.8978

# Details

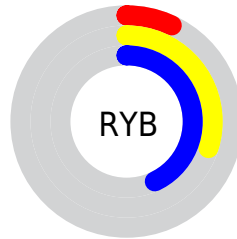
The Hex color **126D44** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D123B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4FA174**, and **003C18** is the 20% darker color. If you saturate the color by 10%, you get **076D3F**, and if you desaturate by 10%, it is **1D6D49**.

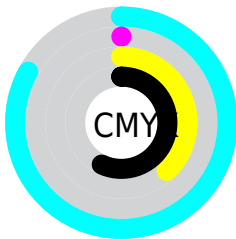
# Distribution



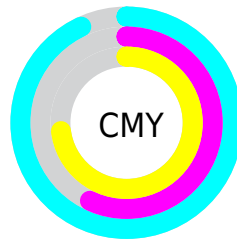
- Red (7%)
- Green (43%)
- Blue (27%)



- Red (7%)
- Yellow (30%)
- Blue (43%)



- Cyan (83%)
- Magenta (0%)
- Yellow (38%)
- Black (57%)



- Cyan (93%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 126D44 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 126D44 by changing the saturation by 10% instead.



 126D44

 126D44

FFFFFF

 00542D

 4FA174

 003C18

 6ABD8E

 002700

 85D9A9

 000300

 A1F5C4

 000000

 BDFFE0

 DAFFFD

 F7FFFF

 126D44

 126D44

■ 076D3F

■ 1D6D49

■ 006D3C

■ 286D4E

■ 336D53

■ 3E6D58

■ 496D5D

■ 536D61

■ 5E6D66

■ 696D6B

■ 746D70

# Harmonies

## Analogous

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



496828



126D44



006F65

# Triad

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



126D44



2B619F



96483B

# Complementary

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



126D44



6D123B

# 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.



9A425A



126D44



6A5493

# Square

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



126D44



006999



8B477A



855423

# Rectangle

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



126D44



006F7A



8B477A



994545



# Sweetspot

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



126D44



6B8F7F



3C6D12



32473E



C7C7C7



474747



# Same Dimension

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



126D44



008F4E



126A6D



303633



007540



00F587



# Inverse Universe

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



6D123B



8F0040



6D1512



363033



750035



F5006E



# Previews

## White Background



This preview shows how the Hex color 126D44 looks on a white background.

## Color Contrast Check

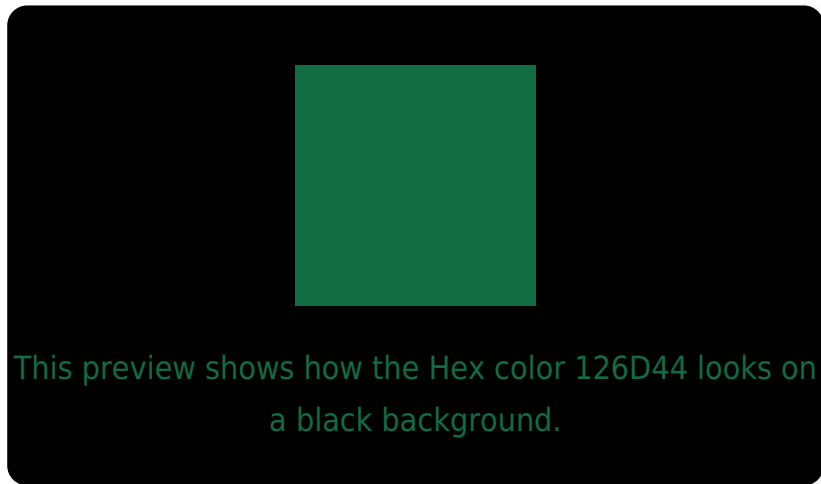
Large Text (above 18pt) WCAG AA ✓ Pass

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 126D44 Background



This preview shows how black text looks on a background with the Hex color 126D44.



This preview shows how white text looks on a background with the Hex color 126D44.

# 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**  
126D44

**Protanopia**  
675F3E

**Deuteranopia**  
6F5B48



**Tritanopia**  
2A6870

# Trichromacy



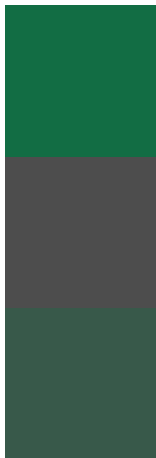
**Original Color**  
126D44

**Protanomaly**  
486440

**Deuteranomaly**  
4D6247

**Tritanomaly**  
216A60

# Monochromacy



**Original Color**  
126D44

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
38594A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 126D44 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 #126D44 looks like.

```
.text, #text, p{  
    color:#126D44  
}
```

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 #126D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126D44
}
```

## Border

The CSS property to change the border of an element to Hex 126D44 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
#126D44 }
```

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

```
.border{ border-color:#126D44 }
```

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

Here you see how a box with a 4 pixel #126D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126D44; -webkit-box-shadow:4px 4px  
4px 4px #126D44; box-shadow:4px 4px 4px  
4px #126D44 }
```

# Background

The CSS property to change the background color of an element to Hex 126D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126D44 }
```

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

```
.background{ background-color:#126D44 }
```

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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