

# Converting Colors

Hex(126E29)

Have a look what the booklet for  
Hex(126E29) contains.

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# Color

Hex(126E29)

# Conversions

## Conversions Part 1

Format	Color
Hex	126E29
RGB	18, 110, 41
RGB Percent	7%, 43%, 16%
CMY	0.9294, 0.5686, 0.8392
CMYK	0.84, 0.00, 0.63, 0.57
HSL	135°, 72%, 25%
HSV	135°, 84%, 43%
XYZ	6.2256, 11.4406, 3.9779
YIQ	74.6260, -32.6830, -40.9630

# Conversions

## Conversions Part 2

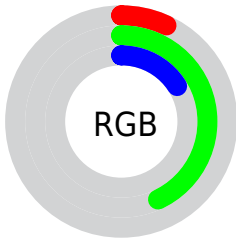
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 92, 110
Decimal	1207849
CIELab	40.31, -41.18, 30.73
CIELCh	40, 51.378, 143.268
Yxy	11.4406, 0.2876, 0.5286
Android (android.graphics.Color)	4279397929 (0xFF126E29)
YUV	74.6260, -16.5776, -49.6610
Hunter-Lab	33.8239, -26.3371, 16.7038

# Details

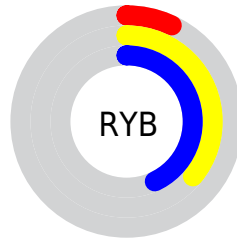
The Hex color **126E29** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E1257**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **50A359**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **076E21**, and if you desaturate by 10%, it is **1D6E31**.

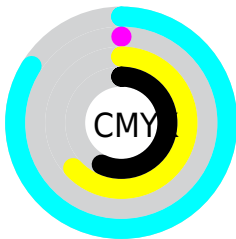
# Distribution



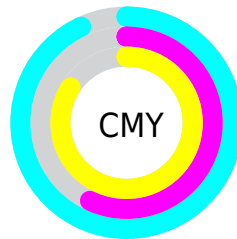
- Red (7%)
- Green (43%)
- Blue (16%)



- Red (7%)
- Yellow (36%)
- Blue (43%)



- Cyan (84%)
- Magenta (0%)
- Yellow (63%)
- Black (57%)



- Cyan (93%)
- Magenta (57%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 126E29 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 126E29 by changing the saturation by 10% instead.



 126E29

 126E29

FFFFFF

 005511

 50A359

 003D00

 6BBE72

 002800

 87DA8C

 000200

 A2F7A7

 000000

 BFFFC2

 DCFE2E

 F9FFFB

 126E29

 126E29

■ 076E21

■ 1D6E31

■ 006E1C

■ 286E3A

■ 336E42

■ 3E6E4A

■ 496E52

■ 546E5B

■ 5F6E63

■ 6A6E6B

■ 756E73

# Harmonies

## Analogous

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



536600



126E29



007254

# Triad

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



126E29



0067B3



A83741

# Complementary

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



126E29



6E1257

# 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.



A5346A



126E29



4A58AD

# Square

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



126E29



006FA2



884492



98481A

# Rectangle

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



126E29



007271



884492



AA334E



# Sweetspot

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



126E29



6B8F74



576E12



324737



C7C7C7



474747



# Same Dimension

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



126E29



008F24



126E57



323834



00781E



00F73E



# Inverse Universe

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



6E1257



8F006B



6E1229



383237



78005A

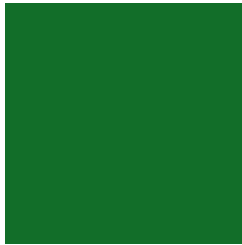


F700BA



# Previews

## White Background



This preview shows how the Hex color 126E29 looks on a white background.

## Color Contrast Check

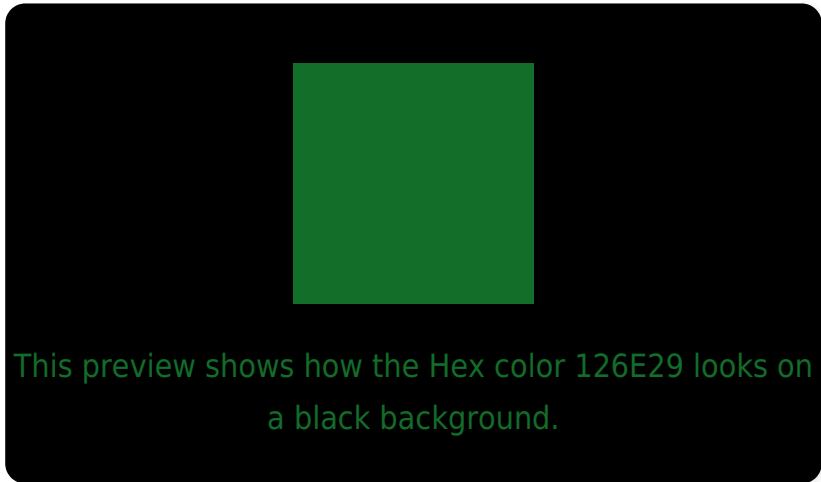
Large Text (above 18pt) WCAG AA ✓ Pass

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

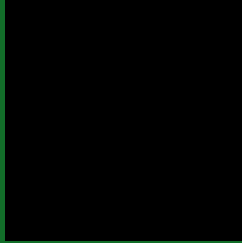
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 126E29 Background



This preview shows how black text looks on a background with the Hex color 126E29.



This preview shows how white text looks on a background with the Hex color 126E29.

# 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**  
126E29

**Protanopia**  
6A5F25

**Deuteranopia**  
755A2F



**Tritanopia**  
2F676F

# Trichromacy



**Original Color**  
126E29



**Protanomaly**  
4A6426



**Deuteranomaly**  
51612D



**Tritanomaly**  
246A56

# Monochromacy



**Original Color**  
126E29



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
36583F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 126E29 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 #126E29 looks like.

```
.text, #text, p{  
    color:#126E29  
}
```

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 #126E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126E29
}
```

## Border

The CSS property to change the border of an element to Hex 126E29 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
#126E29 }
```

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

```
.border{ border-color:#126E29 }
```

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

Here you see how a box with a 4 pixel #126E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126E29; -webkit-box-shadow:4px 4px  
4px 4px #126E29; box-shadow:4px 4px 4px  
4px #126E29 }
```

# Background

The CSS property to change the background color of an element to Hex 126E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126E29 }
```

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

```
.background{ background-color:#126E29 }
```

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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