

# Converting Colors

Hex(106E35)

Have a look what the booklet for  
Hex(106E35) contains.

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# Color

**Hex(106E35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	106E35
RGB	16, 110, 53
RGB Percent	6%, 43%, 21%
CMY	0.9373, 0.5686, 0.7922
CMYK	0.85, 0.00, 0.52, 0.57
HSL	144°, 75%, 25%
HSV	144°, 85%, 43%
XYZ	6.4322, 11.5191, 5.2525
YIQ	75.3960, -37.7270, -37.6550

# Conversions

## Conversions Part 2

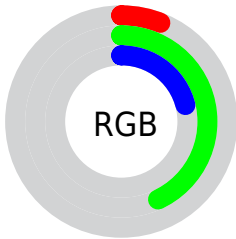
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 83, 110
Decimal	1076789
CIELab	40.44, -39.53, 24.51
CIELCh	40, 46.506, 148.200
Yxy	11.5191, 0.2772, 0.4964
Android (android.graphics.Color)	4279266869 (0xFF106E35)
YUV	75.3960, -11.0412, -52.0903
Hunter-Lab	33.9397, -25.5654, 14.5820

# Details

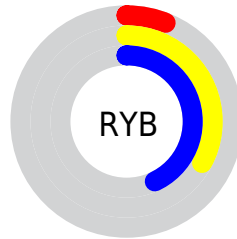
The Hex color **106E35** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E1049**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4EA365**, and **003D08** is the 20% darker color. If you saturate the color by 10%, you get **056E2E**, and if you desaturate by 10%, it is **1B6E3C**.

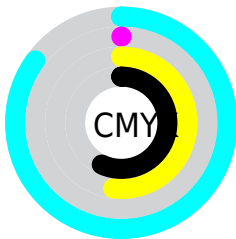
# Distribution



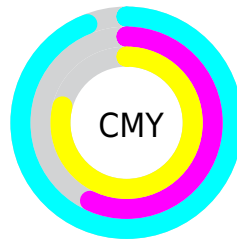
- Red (6%)
- Green (43%)
- Blue (21%)



- Red (6%)
- Yellow (33%)
- Blue (43%)



- Cyan (85%)
- Magenta (0%)
- Yellow (52%)
- Black (57%)



- Cyan (94%)
- Magenta (57%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 106E35 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 106E35 by changing the saturation by 10% instead.



 106E35

 106E35


FFFFFF

 00551F

 4EA365

 003D08

 6ABE7E

 002800

 85DA98

 000300

 A1F7B3

 000000

 BDFFCF

 DAF FEB

 F7FFFF

 106E35

 106E35

■ 056E2E

■ 1B6E3C

■ 006E2B

■ 266E42

■ 316E49

■ 3C6E50

■ 476E56

■ 526E5D

■ 5D6E64

■ 686E6A

■ 736E71

# Harmonies

## Analogous

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



4F6814



106E35



00715C

# Triad

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



106E35



0064AC



A23F3E

# Complementary

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



106E35



6E1049

# 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.



A13A63



106E35



5A56A3

# Square

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



106E35



006DA0



8B4588



914E1D

# Rectangle

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



106E35



007176



8B4588



A43B4A



# Sweetspot

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



106E35



6A8F78



4A6E10



31473A



C7C7C7



474747



# Same Dimension

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



106E35



008F38



106E63



323835



00782F



00F761



# Inverse Universe

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



6E1049



8F0057



6E101B



383236



780049

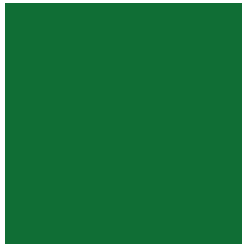


F70096



# Previews

## White Background



This preview shows how the Hex color 106E35 looks on a white background.

## Color Contrast Check

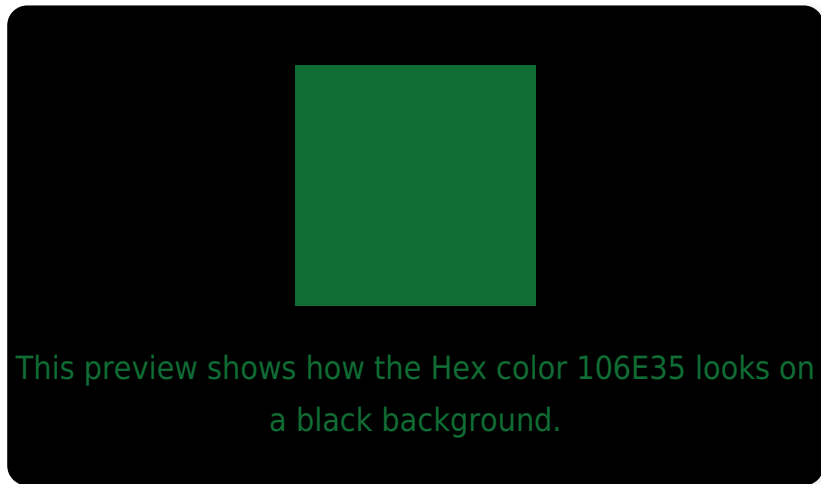
Large Text (above 18pt) WCAG AA ✓ Pass

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

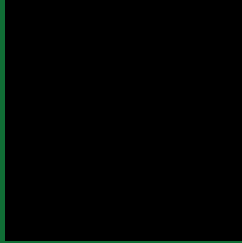
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 106E35 Background



This preview shows how black text looks on a background with the Hex color 106E35.



This preview shows how white text looks on a background with the Hex color 106E35.

# 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**  
106E35

**Protanopia**  
695F30

**Deuteranopia**  
735B3A



**Tritanopia**  
2D6870

# Trichromacy



**Original Color**  
106E35



**Protanomaly**  
496432



**Deuteranomaly**  
4F6238



**Tritanomaly**  
226A5B

# Monochromacy



**Original Color**  
106E35



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
365843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 106E35 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 #106E35 looks like.

```
.text, #text, p{  
    color:#106E35  
}
```

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 #106E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106E35
}
```

## Border

The CSS property to change the border of an element to Hex 106E35 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
#106E35 }
```

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

```
.border{ border-color:#106E35 }
```

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

Here you see how a box with a 4 pixel #106E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106E35; -webkit-box-shadow:4px 4px  
4px 4px #106E35; box-shadow:4px 4px 4px  
4px #106E35 }
```

# Background

The CSS property to change the background color of an element to Hex 106E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106E35 }
```

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

```
.background{ background-color:#106E35 }
```

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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