

Converting Colors

Hex(106F37)

Have a look what the booklet for
Hex(106F37) contains.

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Color

Hex(106F37)

Conversions

Conversions Part 1

Format	Color
Hex	106F37
RGB	16, 111, 55
RGB Percent	6%, 44%, 22%
CMY	0.9373, 0.5647, 0.7843
CMYK	0.86, 0.00, 0.50, 0.56
HSL	145°, 75%, 25%
HSV	145°, 86%, 44%
XYZ	6.5877, 11.7549, 5.5361
YIQ	76.2110, -38.6440, -37.5560

Conversions

Conversions Part 2

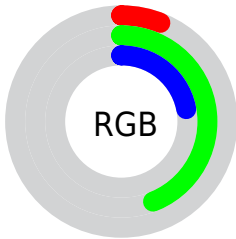
Format	Color
RYB	16, 83, 111
Decimal	1077047
CIELab	40.82, -39.55, 23.88
CIELCh	41, 46.196, 148.875
Yxy	11.7549, 0.2759, 0.4923
Android (android.graphics.Color)	4279267127 (0xFF106F37)
YUV	76.2110, -10.4570, -52.8050
Hunter-Lab	34.2854, -25.7018, 14.4261

Details

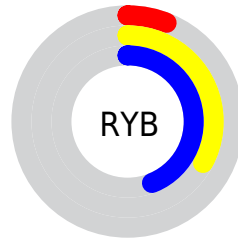
The Hex color **106F37** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F1048**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4FA467**, and **003E0A** is the 20% darker color. If you saturate the color by 10%, you get **056F30**, and if you desaturate by 10%, it is **1B6F3E**.

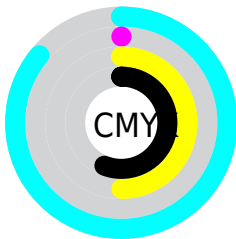
Distribution



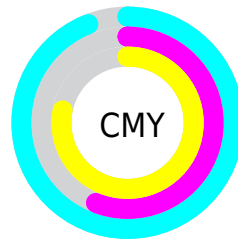
- Red (6%)
- Green (44%)
- Blue (22%)



- Red (6%)
- Yellow (33%)
- Blue (44%)



- Cyan (86%)
- Magenta (0%)
- Yellow (50%)
- Black (56%)



- Cyan (94%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106F37 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 106F37 by changing the saturation by 10% instead.

 106F37

 106F37


FFFFFF

 005621

 4FA467

 003E0A

 6ABF80

 002800

 85DB9A

 000600

 A1F8B5

 000000

 BDFFD1

 DAFEE

 F8FFFF

 106F37

 106F37

■ 056F30

■ 1B6F3E

■ 006F2E

■ 266F44

■ 316F4B

■ 3C6F51

■ 486F58

■ 536F5E

■ 5E6F65

■ 696F6B

■ 746F72

Harmonies

Analogous

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



4F6916



106F37



00725E

Triad

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



106F37



0065AC



A2403E

Complementary

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



106F37



6F1048

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.



A23B63



106F37



5D57A3

Square

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



106F37



006EA1



8C4688



914F1E

Rectangle

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



106F37



007278



8C4688



A43D4A

Sweetspot

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



106F37



6C917B



496F10



334A3C



C9C9C9



4A4A4A

Same Dimension

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



106F37



00913C



106F66



323835



007831



00F766

Inverse Universe

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



6F1048



910056



6F101A



383236



780047



F70092

Previews

White Background



This preview shows how the Hex color 106F37 looks on a white background.

Color Contrast Check

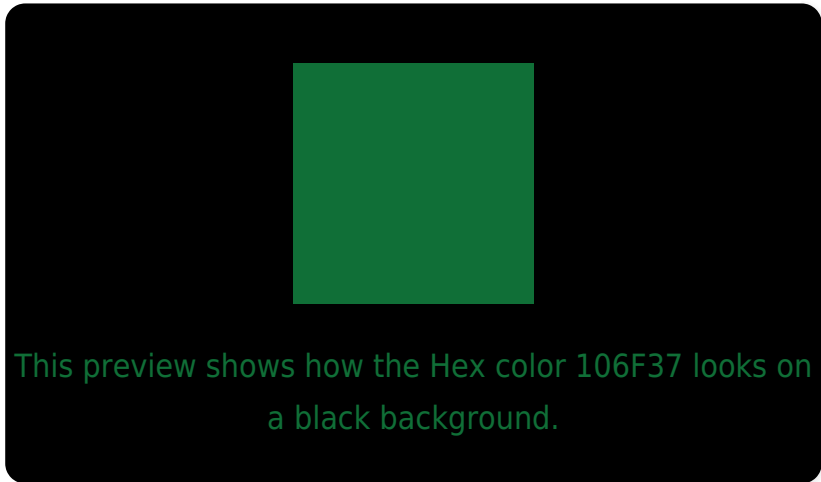
Large Text (above 18pt) WCAG AA ✓ Pass

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 106F37 Background



This preview shows how black text looks on a background with the Hex color 106F37.



This preview shows how white text looks on a background with the Hex color 106F37.

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
106F37

Protanopia
6A6032

Deuteranopia
745C3C



Tritanopia
2D6971

Trichromacy



Original Color
106F37



Protanomaly
496534



Deuteranomaly
50633A



Tritanomaly
226B5C

Monochromacy



Original Color
106F37



Achromatopsia
4C4C4C



Achromatomaly
365944

CSS Examples

Text

The CSS property to change the color of the text to Hex 106F37 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 #106F37 looks like.

```
.text, #text, p{  
    color:#106F37  
}
```

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 #106F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106F37
}
```

Border

The CSS property to change the border of an element to Hex 106F37 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
#106F37 }
```

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

```
.border{ border-color:#106F37 }
```

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

Here you see how a box with a 4 pixel #106F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106F37; -webkit-box-shadow:4px 4px  
4px 4px #106F37; box-shadow:4px 4px 4px  
4px #106F37 }
```

Background

The CSS property to change the background color of an element to Hex 106F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106F37 }
```

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

```
.background{ background-color:#106F37 }
```

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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