

Converting Colors

Hex(106638)

Have a look what the booklet for
Hex(106638) contains.

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Color

Hex(106638)

Conversions

Conversions Part 1

Format	Color
Hex	106638
RGB	16, 102, 56
RGB Percent	6%, 40%, 22%
CMY	0.9373, 0.6000, 0.7804
CMYK	0.84, 0.00, 0.45, 0.60
HSL	148°, 73%, 23%
HSV	148°, 84%, 40%
XYZ	5.6789, 9.8984, 5.3527
YIQ	71.0420, -36.4900, -32.5380

Conversions

Conversions Part 2

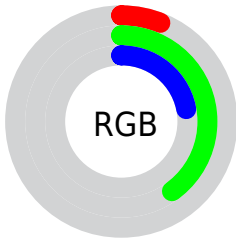
Format	Color
RYB	16, 75, 102
Decimal	1074744
CIELab	37.66, -35.82, 19.25
CIELCh	38, 40.667, 151.746
Yxy	9.8984, 0.2713, 0.4729
Android (android.graphics.Color)	4279264824 (0xFF106638)
YUV	71.0420, -7.4157, -48.2718
Hunter-Lab	31.4618, -22.8387, 11.9361

Details

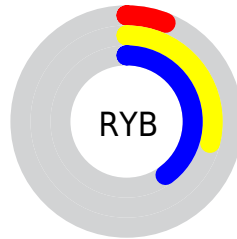
The Hex color **106638** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **66103E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4C9A68**, and **00360C** is the 20% darker color. If you saturate the color by 10%, you get **066633**, and if you desaturate by 10%, it is **1A663D**.

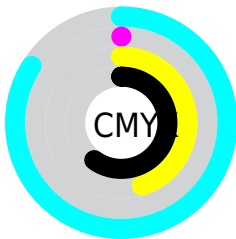
Distribution



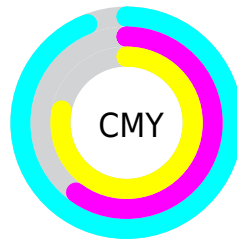
- Red (6%)
- Green (40%)
- Blue (22%)



- Red (6%)
- Yellow (29%)
- Blue (40%)



- Cyan (84%)
- Magenta (0%)
- Yellow (45%)
- Black (60%)



- Cyan (94%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106638 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 106638 by changing the saturation by 10% instead.



106638



106638

FFFFFF



004D22



4C9A68



00360C



67B581



002200



82D19B



000000



9DED86



B9FFD2



D6FFEE



F3FFFF



106638



106638

■ 066633

■ 1A663D

■ 00662F

■ 246643

■ 2F6648

■ 39664E

■ 436653

■ 4D6659

■ 57665E

■ 626664

■ 6C6669

Harmonies

Analogous

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



47611C



106638



00685A

Triad

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



106638



005C9A



923F38

Complementary

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



106638



66103E

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.



933A58



106638



5C4F91

Square

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



106638



006492



824178



824B1E

Rectangle

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



106638



006870



824178



943C42

Sweetspot

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



106638



638573



3F6610



2E4238



C2C2C2



424242

Same Dimension

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



106638



00853E



106662



2E3330



007335



00F271

Inverse Universe

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



66103E



850047



661014



332E31



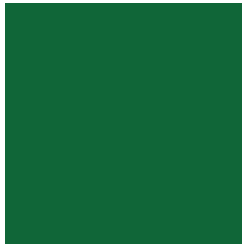
73003D



F20082

Previews

White Background



This preview shows how the Hex color 106638 looks on a white background.

Color Contrast Check

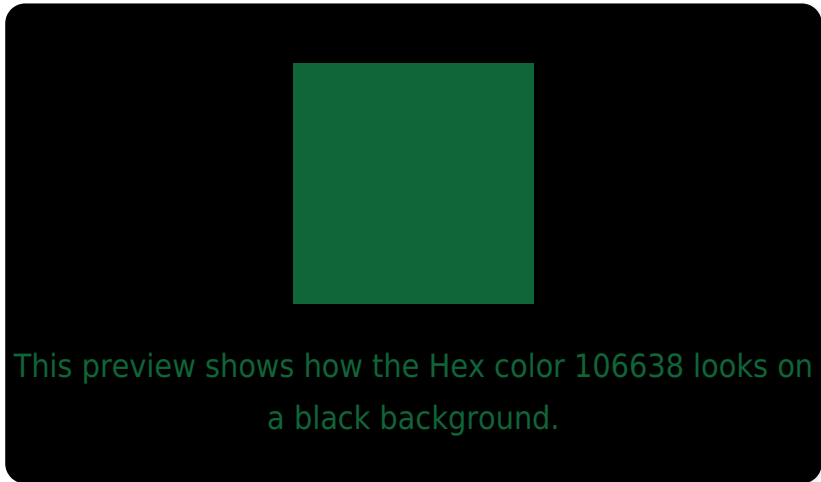
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 106638 Background



This preview shows how black text looks on a background with the Hex color 106638.



This preview shows how white text looks on a background with the Hex color 106638.

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
106638

Protanopia
615833

Deuteranopia
6A553C

Trichromacy



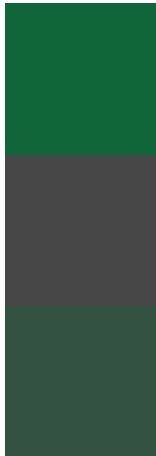
Original Color
106638

Protanomaly
445D35

Deuteranomaly
495B3B

Tritanomaly
206257

Monochromacy



Original Color
106638

Achromatopsia
474747

Achromatomaly
335242

CSS Examples

Text

The CSS property to change the color of the text to Hex 106638 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 #106638 looks like.

```
.text, #text, p{  
    color:#106638  
}
```

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 #106638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106638
}
```

Border

The CSS property to change the border of an element to Hex 106638 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".

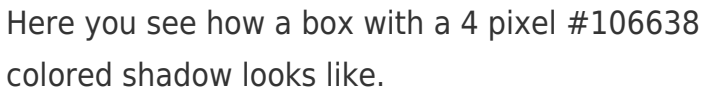
```
.border, #border, table{ border:4px solid
#106638 }
```

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

```
.border{ border-color:#106638 }
```

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

Here you see how a box with a 4 pixel #106638 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106638; -webkit-box-shadow:4px 4px  
4px 4px #106638; box-shadow:4px 4px 4px  
4px #106638 }
```

Background

The CSS property to change the background color of an element to Hex 106638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106638 }
```

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

```
.background{ background-color:#106638 }
```

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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