

Converting Colors

Hex(106023)

Have a look what the booklet for
Hex(106023) contains.

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Color

Hex(106023)

Conversions

Conversions Part 1

Format	Color
Hex	106023
RGB	16, 96, 35
RGB Percent	6%, 38%, 14%
CMY	0.9373, 0.6235, 0.8627
CMYK	0.83, 0.00, 0.64, 0.62
HSL	134°, 71%, 22%
HSV	134°, 83%, 38%
XYZ	4.6999, 8.5973, 3.0018
YIQ	65.1260, -28.0990, -35.9310

Conversions

Conversions Part 2

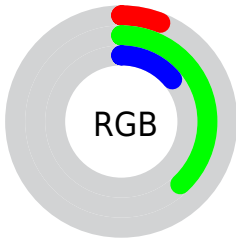
Format	Color
RYB	16, 81, 96
Decimal	1073187
CIELab	35.20, -37.15, 27.85
CIELCh	35, 46.435, 143.144
Yxy	8.5973, 0.2884, 0.5275
Android (android.graphics.Color)	4279263267 (0xFF106023)
YUV	65.1260, -14.8521, -43.0835
Hunter-Lab	29.3211, -22.6998, 14.4548

Details

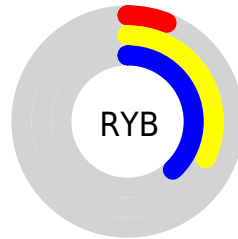
The Hex color **106023** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **60104D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4B9452**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **06601C**, and if you desaturate by 10%, it is **1A602A**.

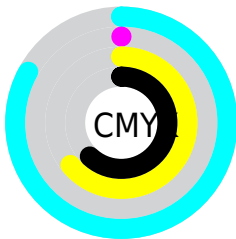
Distribution



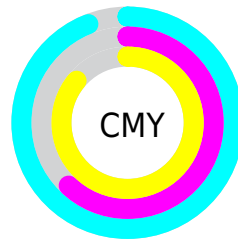
- Red (6%)
- Green (38%)
- Blue (14%)



- Red (6%)
- Yellow (32%)
- Blue (38%)



- Cyan (83%)
- Magenta (0%)
- Yellow (64%)
- Black (62%)



- Cyan (94%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106023 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 106023 by changing the saturation by 10% instead.

 106023

 106023

FFFFFF

 00480C

 4B9452

 003000

 65AE6B

 001B00

 80CA84

 000000

 9CE69F

 B8FFBA

 D4FFD6

 F1FFF2

 106023

 106023

06601C

1A602A

006017

236032

2D6039

366040

406048

4A604F

536056

5D605E

666065

Harmonies

Analogous

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



495900



106023



006349

Triad

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



106023



005A9D



942F38

Complementary

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



106023



60104D

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.



902D5D



106023



404D97

Square

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



106023



00618E



773B80



863E16

Rectangle

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



106023



006463



773B80



952C44

Sweetspot

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



106023



5E7D65



4D6010



2D4031



BFBFBF



404040

Same Dimension

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



106023



007D1E



10604B



2C302D



00701B



00F039

Inverse Universe

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



60104D



7D005F



601025



302C2F



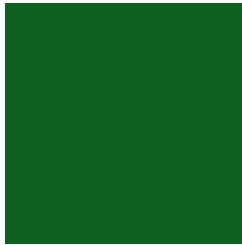
700056



F000B7

Previews

White Background



This preview shows how the Hex color 106023 looks on a white background.

Color Contrast Check

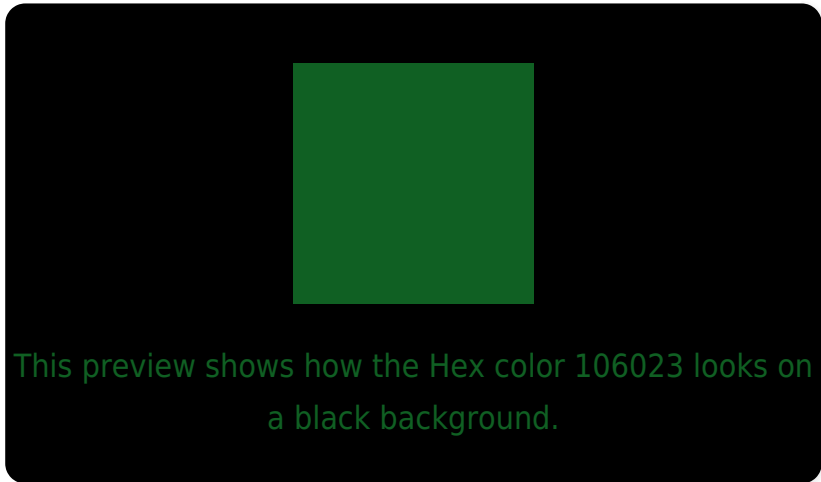
Large Text (above 18pt) WCAG AA ✓ Pass

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

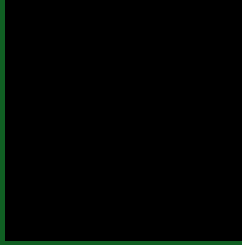
Any Text WCAG AA × Fail

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 106023 Background



This preview shows how black text looks on a background with the Hex color 106023.



This preview shows how white text looks on a background with the Hex color 106023.

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](#).

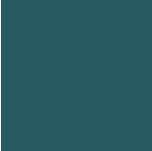
Dichromacy



Original Color
106023

Protanopia
5C531F

Deuteranopia
664F28



Tritanopia
295A61

Trichromacy



Original Color
106023

Protanomaly
405820

Deuteranomaly
475526

Tritanomaly
205C4A

Monochromacy



Original Color
106023

Achromatopsia
414141

Achromatomaly
2F4C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 106023 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 #106023 looks like.

```
.text, #text, p{  
    color:#106023  
}
```

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 #106023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106023
}
```

Border

The CSS property to change the border of an element to Hex 106023 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
#106023 }
```

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

```
.border{ border-color:#106023 }
```

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

Here you see how a box with a 4 pixel #106023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106023; -webkit-box-shadow:4px 4px  
4px 4px #106023; box-shadow:4px 4px 4px  
4px #106023 }
```

Background

The CSS property to change the background color of an element to Hex 106023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106023 }
```

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

```
.background{ background-color:#106023 }
```

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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