

Converting Colors

Hex(046305)

Have a look what the booklet for
Hex(046305) contains.

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Color

Hex(046305)

Conversions

Conversions Part 1

Format	Color
Hex	046305
RGB	4, 99, 5
RGB Percent	2%, 39%, 2%
CMY	0.9843, 0.6118, 0.9804
CMYK	0.96, 0.00, 0.95, 0.61
HSL	121°, 92%, 20%
HSV	121°, 96%, 39%
XYZ	4.5393, 8.9604, 1.6339
YIQ	59.8790, -26.4460, -49.3740

Conversions

Conversions Part 2

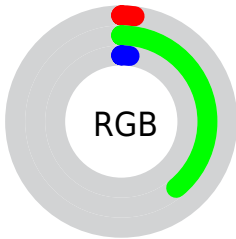
Format	Color
R_{YB}	4, 98, 99
Decimal	287493
CIE _{Lab}	35.91, -42.33, 40.17
CIE _{LCh}	36, 58.357, 136.506
Y _{xy}	8.9604, 0.2999, 0.5921
Android (android.graphics.Color)	4278477573 (0xFF046305)
YUV	59.8790, -27.0553, -49.0059
Hunter-Lab	29.9340, -25.3161, 17.7176

Details

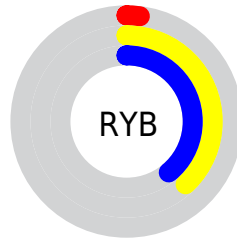
The Hex color **046305** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **630462**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **49973B**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **006301**, and if you desaturate by 10%, it is **0E630F**.

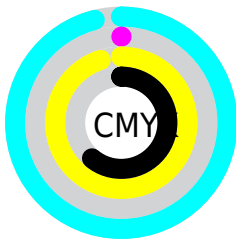
Distribution



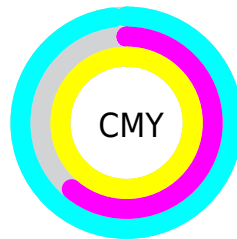
- Red (2%)
- Green (39%)
- Blue (2%)



- Red (2%)
- Yellow (38%)
- Blue (39%)



- Cyan (96%)
- Magenta (0%)
- Yellow (95%)
- Black (61%)



- Cyan (98%)
- Magenta (61%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046305 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 046305 by changing the saturation by 10% instead.

 046305

 046305

 FFFFF8

 004A00

 49973B

 003300

 64B254

 001D00

 80CE6E

 000000

 9BEA88

 B8FFA3

 D4FFBF

 F2FFDB

 046305

 046305

■ 006301

■ 0E630F

■ 186319

■ 226322

■ 2C632C

■ 366336

■ 3F6340

■ 49634A

■ 536353

■ 5D635D

Harmonies

Analogous

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



505A00



046305



00673D

Triad

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



046305



0060B0



A5183D

Complementary

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



046305



630462

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.



9C1C6C



046305



0051AF

Square

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



046305



006798



753A96



97330F

Rectangle

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



046305



00685E



753A96



A5134C

Sweetspot

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



046305



5B805B



636304



29402A



BFBFBF



404040

Same Dimension

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



046305



008001



046334



2C302C



007001



00F003

Inverse Universe

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



630462



80007E



630434



302C30



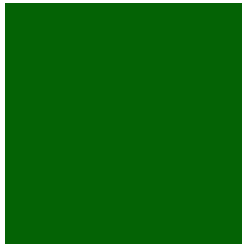
70006F



F000ED

Previews

White Background



This preview shows how the Hex color 046305 looks on a white background.

Color Contrast Check

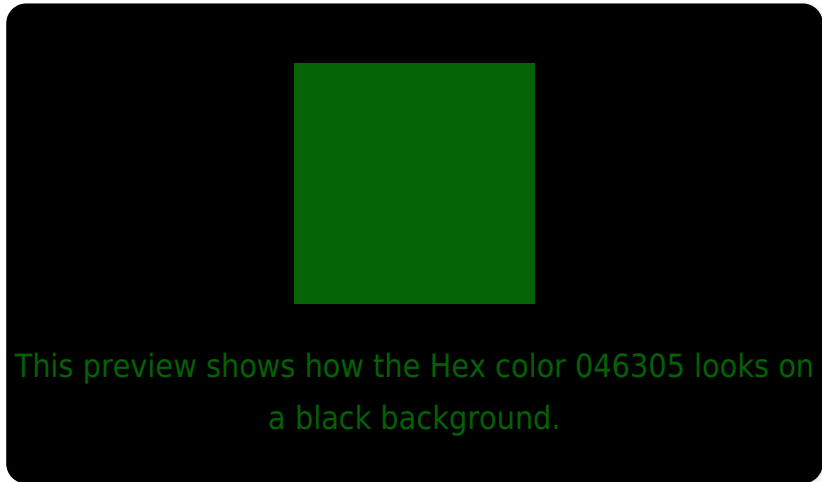
Large Text (above 18pt) WCAG AA ✓ Pass

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

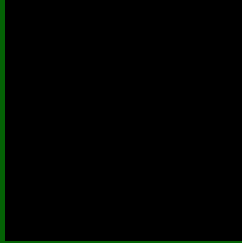
Any Text WCAG AA × Fail

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 046305 Background



This preview shows how black text looks on a background with the Hex color 046305.



This preview shows how white text looks on a background with the Hex color 046305.

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
046305

Protanopia
5F5500

Deuteranopia
6A5016



Tritanopia
2A5C63

Trichromacy



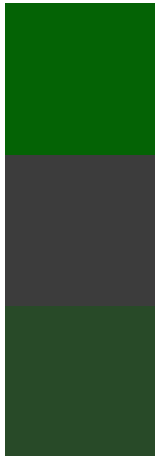
Original Color
046305

Protanomaly
3E5A02

Deuteranomaly
455710

Tritanomaly
1C5F41

Monochromacy



Original Color
046305

Achromatopsia
3C3C3C

Achromatomaly
284A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 046305 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 #046305 looks like.

```
.text, #text, p{  
    color:#046305  
}
```

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 #046305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046305
}
```

Border

The CSS property to change the border of an element to Hex 046305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

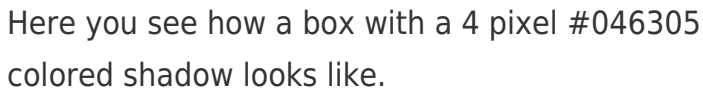
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#046305 }
```

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

```
.border{ border-color:#046305 }
```

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



Here you see how a box with a 4 pixel #046305 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046305; -webkit-box-shadow:4px 4px  
4px 4px #046305; box-shadow:4px 4px 4px  
4px #046305 }
```

Background

The CSS property to change the background color of an element to Hex 046305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046305 }
```

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

```
.background{ background-color:#046305 }
```

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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