

Converting Colors

Hex(066A35)

Have a look what the booklet for
Hex(066A35) contains.

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Color

Hex(066A35)

Conversions

Conversions Part 1

Format	Color
Hex	066A35
RGB	6, 106, 53
RGB Percent	2%, 42%, 21%
CMY	0.9765, 0.5843, 0.7922
CMYK	0.94, 0.00, 0.50, 0.58
HSL	148°, 89%, 22%
HSV	148°, 94%, 42%
XYZ	5.8717, 10.6038, 5.1054
YIQ	70.0580, -42.5870, -37.6830

Conversions

Conversions Part 2

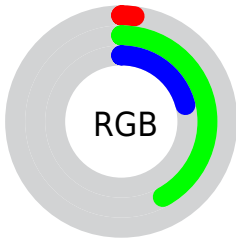
Format	Color
RYB	6, 74, 106
Decimal	420405
CIELab	38.91, -39.00, 22.54
CIElCh	39, 45.049, 149.971
Yxy	10.6038, 0.2721, 0.4914
Android (android.graphics.Color)	4278610485 (0xFF066A35)
YUV	70.0580, -8.4096, -56.1789
Hunter-Lab	32.5635, -24.7996, 13.4988

Details

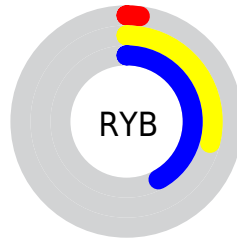
The Hex color **066A35** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A063B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **499E65**, and **003908** is the 20% darker color. If you saturate the color by 10%, you get **006A32**, and if you desaturate by 10%, it is **116A3B**.

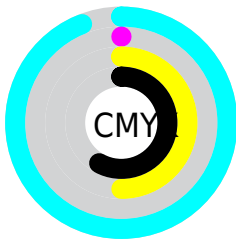
Distribution



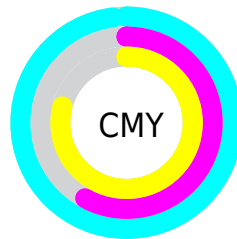
- Red (2%)
- Green (42%)
- Blue (21%)



- Red (2%)
- Yellow (29%)
- Blue (42%)



- Cyan (94%)
- Magenta (0%)
- Yellow (50%)
- Black (58%)



- Cyan (98%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066A35 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 066A35 by changing the saturation by 10% instead.



066A35



066A35

FFFFFF



00511F



499E65



003908



65BA7E



002500



80D698



000000



9CF2B3



B8FFCE



D5FFEB



F2FFFF



066A35



066A35

■ 006A32

■ 116A3B

■ 1B6A40

■ 266A46

■ 306A4B

■ 3B6A51

■ 466A57

■ 506A5C

■ 5B6A62

■ 656A68

Harmonies

Analogous

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



496415



066A35



006D5A

Triad

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



066A35



0060A5



9B3D39

Complementary

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



066A35



6A063B

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.



9C385D



066A35



5B529B

Square

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



066A35



00699B



874281



8A4C1A

Rectangle

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



066A35



006D74



874281



9D3A45

Sweetspot

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



066A35



638A75



3B6A06



2D4538



C4C4C4



454545

Same Dimension

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



066A35



008A41



066A67



303633



007537



00F573

Inverse Universe

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



6A063B



8A0049



6A0609



363033



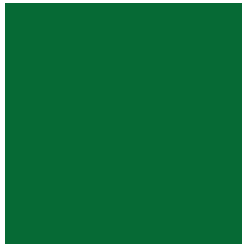
75003E



F50082

Previews

White Background



This preview shows how the Hex color 066A35 looks on a white background.

Color Contrast Check

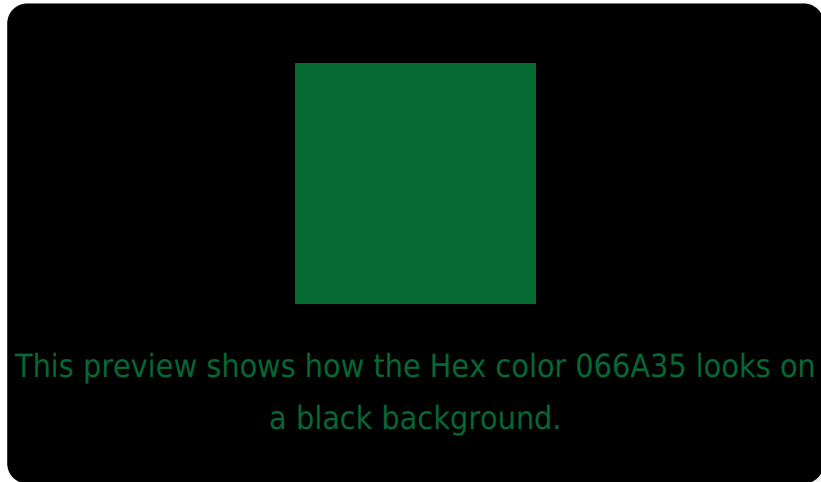
Large Text (above 18pt) WCAG AA ✓ Pass

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 066A35 Background



This preview shows how black text looks on a background with the Hex color 066A35.



This preview shows how white text looks on a background with the Hex color 066A35.

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
066A35

Protanopia
655C30

Deuteranopia
6E573A



Tritanopia
29646C

Trichromacy



Original Color
066A35



Protanomaly
426132



Deuteranomaly
485E38

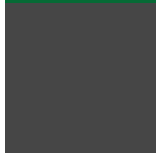


Tritanomaly
1C6658

Monochromacy



Original Color
066A35



Achromatopsia
464646



Achromatomaly
2F5340

CSS Examples

Text

The CSS property to change the color of the text to Hex 066A35 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 #066A35 looks like.

```
.text, #text, p{  
    color:#066A35  
}
```

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 #066A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066A35
}
```

Border

The CSS property to change the border of an element to Hex 066A35 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
#066A35 }
```

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

```
.border{ border-color:#066A35 }
```

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

Here you see how a box with a 4 pixel #066A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066A35; -webkit-box-shadow:4px 4px  
4px 4px #066A35; box-shadow:4px 4px 4px  
4px #066A35 }
```

Background

The CSS property to change the background color of an element to Hex 066A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066A35 }
```

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

```
.background{ background-color:#066A35 }
```

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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