

Converting Colors

Hex(066E4A)

Have a look what the booklet for
Hex(066E4A) contains.

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Color

Hex(066E4A)

Conversions

Conversions Part 1

Format	Color
Hex	066E4A
RGB	6, 110, 74
RGB Percent	2%, 43%, 29%
CMY	0.9765, 0.5686, 0.7098
CMYK	0.95, 0.00, 0.33, 0.57
HSL	159°, 90%, 23%
HSV	159°, 95%, 43%
XYZ	6.8871, 11.6850, 8.3710
YIQ	74.8000, -50.4280, -33.2440

Conversions

Conversions Part 2

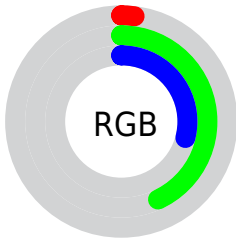
Format	Color
RYB	6, 69, 110
Decimal	421450
CIELab	40.71, -35.99, 12.74
CIElCh	41, 38.181, 160.516
Yxy	11.6850, 0.2556, 0.4337
Android (android.graphics.Color)	4278611530 (0xFF066E4A)
YUV	74.8000, -0.3944, -60.3376
Hunter-Lab	34.1833, -23.8576, 9.4090

Details

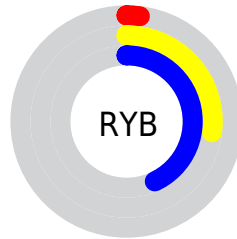
The Hex color **066E4A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E062A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4BA27B**, and **003D1E** is the 20% darker color. If you saturate the color by 10%, you get **006E48**, and if you desaturate by 10%, it is **116E4E**.

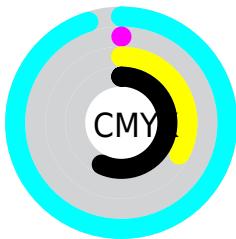
Distribution



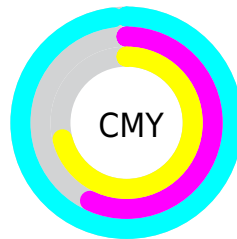
- Red (2%)
- Green (43%)
- Blue (29%)



- Red (2%)
- Yellow (27%)
- Blue (43%)



- Cyan (95%)
- Magenta (0%)
- Yellow (33%)
- Black (57%)



- Cyan (98%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066E4A 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 066E4A by changing the saturation by 10% instead.

 066E4A

 066E4A

FFFFFF

 005533

 4BA27B

 003D1E

 66BE95

 002706

 82DAAF

 000500

 9EF7CB

 000000

 BAFFE7

 D7FFFF

 F4FFFF

 066E4A

 066E4A

■ 006E48

■ 116E4E

■ 1C6E52

■ 276E55

■ 326E59

■ 3D6E5D

■ 486E61

■ 536E65

■ 5E6E68

■ 696E6C

Harmonies

Analogous

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



456A2E



066E4A



006F6A

Triad

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



066E4A



3B609D



944B39

Complementary

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



066E4A



6E062A

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.



9A4456



066E4A



705390

Square

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



066E4A



00699B



8E4876



825724

Rectangle

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



066E4A



006F7F



8E4876



984842

Sweetspot

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



066E4A



678F81



2A6E06



2F473F



C7C7C7



474747

Same Dimension

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



066E4A



008F5D



065E6E



323836



00784E



00F7A2

Inverse Universe

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



6E062A



8F0031



6E1606



383234



780029



F70056

Previews

White Background



This preview shows how the Hex color 066E4A looks on a white background.

Color Contrast Check

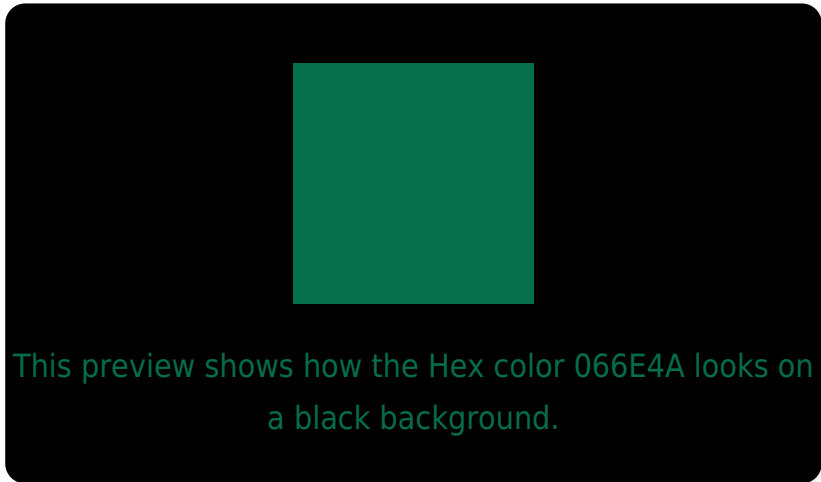
Large Text (above 18pt) WCAG AA ✓ Pass

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 066E4A Background



This preview shows how black text looks on a background with the Hex color 066E4A.



This preview shows how white text looks on a background with the Hex color 066E4A.

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
066E4A

Protanopia
676044

Deuteranopia
6F5C4E



Tritanopia
266972

Trichromacy



Original Color

066E4A



Protanomaly

446546



Deuteranomaly

49634D



Tritanomaly

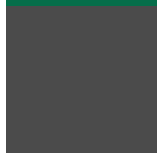
1A6B63

Monochromacy



Original Color

066E4A



Achromatopsia

4B4B4B



Achromatomaly

32584B

CSS Examples

Text

The CSS property to change the color of the text to Hex 066E4A 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 #066E4A looks like.

```
.text, #text, p{  
    color:#066E4A  
}
```

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 #066E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066E4A
}
```

Border

The CSS property to change the border of an element to Hex 066E4A 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
#066E4A }
```

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

```
.border{ border-color:#066E4A }
```

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

Here you see how a box with a 4 pixel #066E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066E4A; -webkit-box-shadow:4px 4px  
4px 4px #066E4A; box-shadow:4px 4px 4px  
4px #066E4A }
```

Background

The CSS property to change the background color of an element to Hex 066E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066E4A }
```

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

```
.background{ background-color:#066E4A }
```

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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