

Converting Colors

Hex(066736)

Have a look what the booklet for
Hex(066736) contains.

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Color

Hex(066736)

Conversions

Conversions Part 1

Format	Color
Hex	066736
RGB	6, 103, 54
RGB Percent	2%, 40%, 21%
CMY	0.9765, 0.5961, 0.7882
CMYK	0.94, 0.00, 0.48, 0.60
HSL	150°, 89%, 21%
HSV	150°, 94%, 40%
XYZ	5.5912, 10.0056, 5.1266
YIQ	68.4110, -42.0830, -35.8030

Conversions

Conversions Part 2

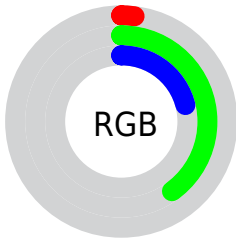
Format	Color
RYB	6, 71, 103
Decimal	419638
CIELab	37.85, -37.66, 20.63
CIELCh	38, 42.944, 151.289
Yxy	10.0056, 0.2698, 0.4828
Android (android.graphics.Color)	4278609718 (0xFF066736)
YUV	68.4110, -7.1046, -54.7344
Hunter-Lab	31.6316, -23.8035, 12.5328

Details

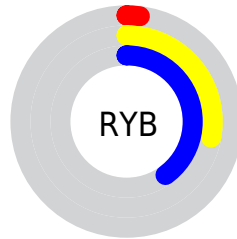
The Hex color **066736** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **670637**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **489B65**, and **00370A** is the 20% darker color. If you saturate the color by 10%, you get **006733**, and if you desaturate by 10%, it is **10673B**.

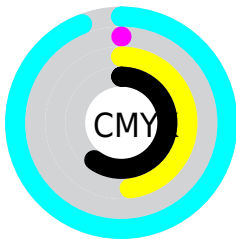
Distribution



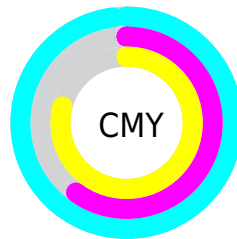
- Red (2%)
- Green (40%)
- Blue (21%)



- Red (2%)
- Yellow (28%)
- Blue (40%)



- Cyan (94%)
- Magenta (0%)
- Yellow (48%)
- Black (60%)



- Cyan (98%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066736 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 066736 by changing the saturation by 10% instead.

 066736

 066736

FFFFFF

 004E20

 489B65

 00370A

 64B67F

 002200

 7FD299

 000000

 9AEFB4

 B6FFCF

 D3FFEC

 F0FFFF

 066736

 066736

■ 006733

■ 10673B

■ 1B6740

■ 256746

■ 2F674B

■ 3A6750

■ 446755

■ 4E675A

■ 586760

■ 636765

Harmonies

Analogous

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



466118



066736



00695A

Triad

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



066736



005D9F



953D37

Complementary

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



066736



670637

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.



963759



066736



5B4F95

Square

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



066736



006596



84407B



854B1A

Rectangle

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



066736



006971



84407B



973A42

Sweetspot

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



066736



618774



386706



2D4539



C4C4C4



454545

Same Dimension

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



066736



008743



066765



2E3330



007339



00F278

Inverse Universe

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



670637



870044



670608



332E30



73003A



F2007A

Previews

White Background



This preview shows how the Hex color 066736 looks on a white background.

Color Contrast Check

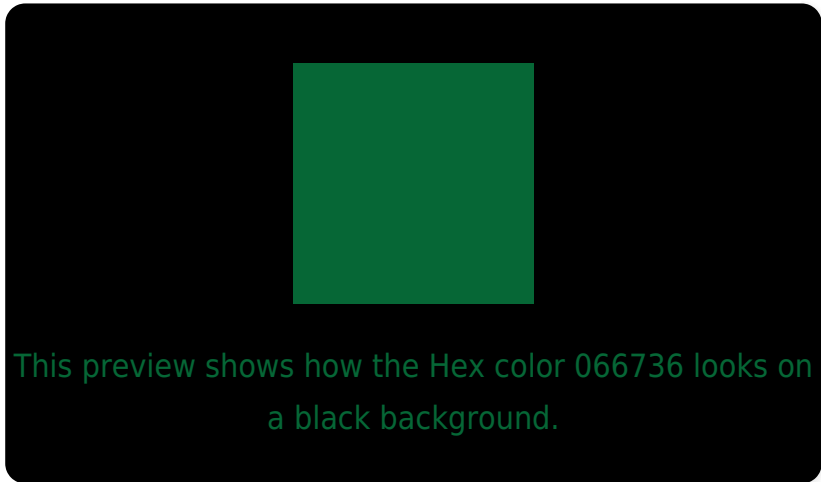
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

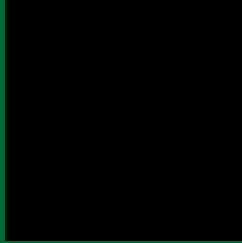
Any Text WCAG AA × Fail

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 066736 Background



This preview shows how black text looks on a background with the Hex color 066736.



This preview shows how white text looks on a background with the Hex color 066736.

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
066736

Protanopia
625931

Deuteranopia
6B553A



Tritanopia
276169

Trichromacy



Original Color
066736



Protanomaly
415E33



Deuteranomaly
465C39



Tritanomaly
1B6356

Monochromacy



Original Color
066736



Achromatopsia
444444



Achromatomaly
2D513F

CSS Examples

Text

The CSS property to change the color of the text to Hex 066736 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 #066736 looks like.

```
.text, #text, p{  
    color:#066736  
}
```

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 #066736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066736
}
```

Border

The CSS property to change the border of an element to Hex 066736 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
#066736 }
```

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

```
.border{ border-color:#066736 }
```

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

Here you see how a box with a 4 pixel #066736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066736; -webkit-box-shadow:4px 4px  
4px 4px #066736; box-shadow:4px 4px 4px  
4px #066736 }
```

Background

The CSS property to change the background color of an element to Hex 066736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066736 }
```

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

```
.background{ background-color:#066736 }
```

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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