

Converting Colors

Hex(066661)

Have a look what the booklet for
Hex(066661) contains.

Hex(066661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(066661)

Conversions

Conversions Part 1

Format	Color
Hex	066661
RGB	6, 102, 97
RGB Percent	2%, 40%, 38%
CMY	0.9765, 0.6000, 0.6196
CMYK	0.94, 0.00, 0.05, 0.60
HSL	177°, 89%, 21%
HSV	177°, 94%, 40%
XYZ	6.9841, 10.4045, 12.9494
YIQ	72.7260, -55.6110, -21.9070

Conversions

Conversions Part 2

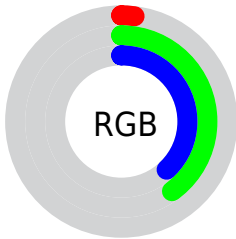
Format	Color
RYB	6, 55, 102
Decimal	419425
CIELab	38.56, -25.74, -4.29
CIELCh	39, 26.097, 189.456
Yxy	10.4045, 0.2302, 0.3430
Android (android.graphics.Color)	4278609505 (0xFF066661)
YUV	72.7260, 11.9671, -58.5187
Hunter-Lab	32.2561, -17.7989, -1.2232

Details

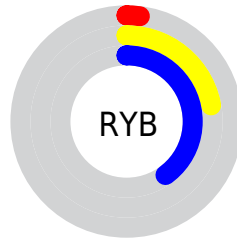
The Hex color **066661** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66060B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4A9A94**, and **003633** is the 20% darker color. If you saturate the color by 10%, you get **006661**, and if you desaturate by 10%, it is **106662**.

Distribution



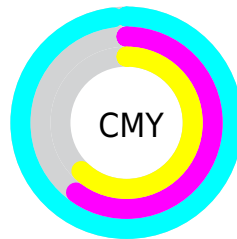
- Red (2%)
- Green (40%)
- Blue (38%)



- Red (2%)
- Yellow (22%)
- Blue (40%)



- Cyan (94%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)



- Cyan (98%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066661 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 066661 by changing the saturation by 10% instead.

 066661

 066661

FFFFFF

 004E49

 4A9A94

 003633

 66B5AE

 00221E

 81D0C9

 000004

 9DEDE6

 000000

 BAFFFF

 D6FFFF

 F4FFFF

 066661

 066661

■ 006661

■ 106662

■ 1A6662

■ 256663

■ 2F6663

■ 396664

■ 436664

■ 4D6665

■ 586665

■ 626666

Harmonies

Analogous

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



30654B



066661



006575

Triad

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



066661



66537C



755433

Complementary

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



066661



66060B

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.



814D41



066661



7B4C6A

Square

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



066661



465B84



834A55



625C30

Rectangle

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



066661



06637F



834A55



7A5237

Sweetspot

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



066661



5F8583



0C6606



2C4241



C2C2C2



424242

Same Dimension

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



066661



00857E



063C66



2E3333



00736D



00F2E6

Inverse Universe

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



66060B



850007



663006



332E2E



730006



F2000D

Previews

White Background



This preview shows how the Hex color 066661 looks on a white background.

Color Contrast Check

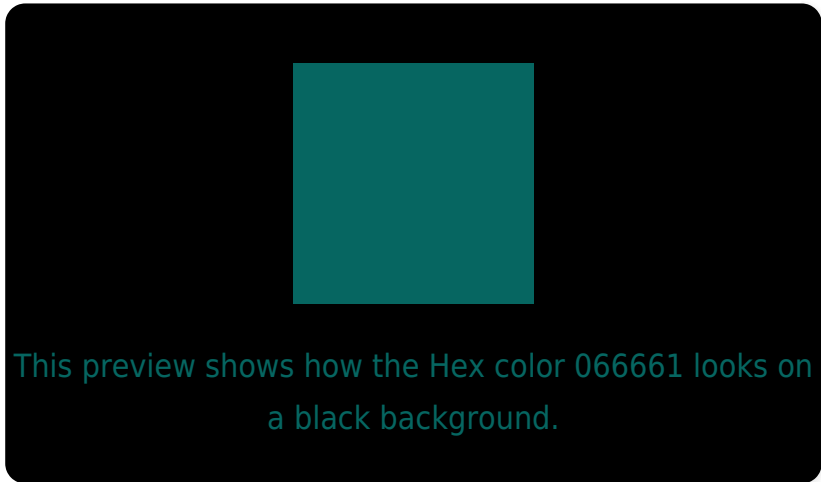
Large Text (above 18pt) WCAG AA ✓ Pass

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

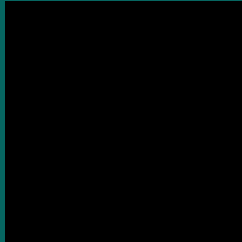
Any Text WCAG AA × Fail

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 066661 Background



This preview shows how black text looks on a background with the Hex color 066661.



This preview shows how white text looks on a background with the Hex color 066661.

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
066661

Protanopia
5C5A5A

Deuteranopia
5F5864



Tritanopia
17646C

Trichromacy



Original Color
066661

Protanomaly
3D5E5D

Deuteranomaly
3F5D63

Tritanomaly
116568

Monochromacy



Original Color
066661

Achromatopsia
494949

Achromatomaly
315452

CSS Examples

Text

The CSS property to change the color of the text to Hex 066661 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 #066661 looks like.

```
.text, #text, p{  
    color:#066661  
}
```

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 #066661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066661
}
```

Border

The CSS property to change the border of an element to Hex 066661 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
#066661 }
```

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

```
.border{ border-color:#066661 }
```

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

Here you see how a box with a 4 pixel #066661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066661; -webkit-box-shadow:4px 4px  
4px 4px #066661; box-shadow:4px 4px 4px  
4px #066661 }
```

Background

The CSS property to change the background color of an element to Hex 066661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066661 }
```

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

```
.background{ background-color:#066661 }
```

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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