

Converting Colors

Hex(046068)

Have a look what the booklet for
Hex(046068) contains.

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Color

Hex(046068)

Conversions

Conversions Part 1

Format	Color
Hex	046068
RGB	4, 96, 104
RGB Percent	2%, 38%, 41%
CMY	0.9843, 0.6235, 0.5922
CMYK	0.96, 0.08, 0.00, 0.59
HSL	185°, 93%, 21%
HSV	185°, 96%, 41%
XYZ	6.7316, 9.3910, 14.5546
YIQ	69.4040, -57.4000, -17.0160

Conversions

Conversions Part 2

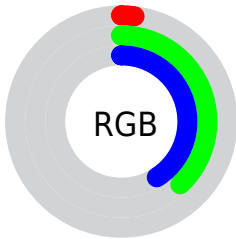
Format	Color
RYB	4, 52, 104
Decimal	286824
CIELab	36.73, -20.40, -11.35
CIELCh	37, 23.346, 209.098
Yxy	9.3910, 0.2194, 0.3061
Android (android.graphics.Color)	4278476904 (0xFF046068)
YUV	69.4040, 17.0558, -57.3593
Hunter-Lab	30.6448, -14.4179, -6.7081

Details

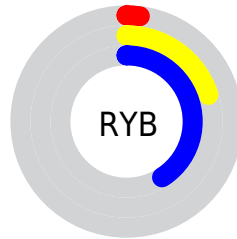
The Hex color **046068** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **680C04**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4A939B**, and **003139** is the 20% darker color. If you saturate the color by 10%, you get **006068**, and if you desaturate by 10%, it is **0E6168**.

Distribution



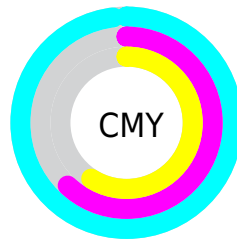
- Red (2%)
- Green (38%)
- Blue (41%)



- Red (2%)
- Yellow (20%)
- Blue (41%)



- Cyan (96%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



- Cyan (98%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046068 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 046068 by changing the saturation by 10% instead.

046068

046068

FFFFFF

004850

4A939B

003139

65AEB6

001E23

81C9D2

00010E

9DE5EE

000000

B9FFFF

D6FFFF

F3FFFF

046068

046068

■ 006068

■ 0E6168

■ 196268

■ 236268

■ 2E6368

■ 386468

■ 426568

■ 4D6668

■ 576768

■ 626768

Harmonies

Analogous

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



206055



046068



175D76

Triad

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



046068



6D4B6A



635531

Complementary

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



046068



680C04

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.



724F37



046068



794858

Square

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



046068



585277



7A4945



505B35

Rectangle

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



046068



2F5A7B



7A4945



695332

Sweetspot

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



046068



608487



04680B



2D4345



C4C4C4



454545

Same Dimension

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



046068



007C87



042F68



2E3333



006A73



00DFF2

Inverse Universe

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



680460



87007C



683D04



332E33



73006A



F200DF

Previews

White Background



This preview shows how the Hex color 046068 looks on a white background.

Color Contrast Check

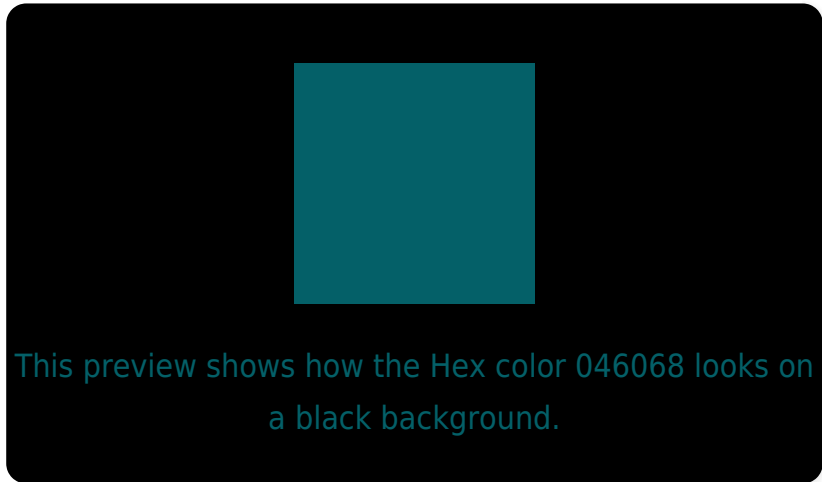
Large Text (above 18pt) WCAG AA ✓ Pass

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

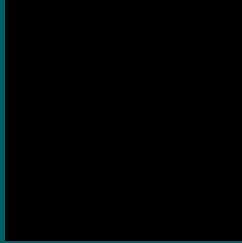
Any Text WCAG AA × Fail

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 046068 Background



This preview shows how black text looks on a background with the Hex color 046068.

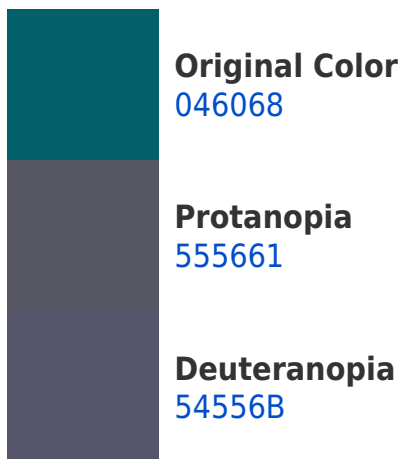


This preview shows how white text looks on a background with the Hex color 046068.

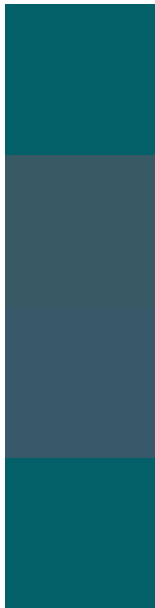
Color Blindness Simulation

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



Trichromacy



Original Color
046068

Protanomaly
385A64

Deuteranomaly
37596A

Tritanomaly
036068

Monochromacy



Original Color
046068

Achromatopsia
454545

Achromatomaly
2D4F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 046068 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 #046068 looks like.

```
.text, #text, p{  
    color:#046068  
}
```

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 #046068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046068
}
```

Border

The CSS property to change the border of an element to Hex 046068 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
#046068 }
```

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

```
.border{ border-color:#046068 }
```

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

Here you see how a box with a 4 pixel #046068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046068; -webkit-box-shadow:4px 4px  
4px 4px #046068; box-shadow:4px 4px 4px  
4px #046068 }
```

Background

The CSS property to change the background color of an element to Hex 046068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046068 }
```

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

```
.background{ background-color:#046068 }
```

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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