

Converting Colors

Hex(048476)

Have a look what the booklet for
Hex(048476) contains.

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Color

Hex(048476)

Conversions

Conversions Part 1

Format	Color
Hex	048476
RGB	4, 132, 118
RGB Percent	2%, 52%, 46%
CMY	0.9843, 0.4824, 0.5373
CMYK	0.97, 0.00, 0.11, 0.48
HSL	173°, 94%, 27%
HSV	173°, 97%, 52%
XYZ	11.5713, 17.8363, 19.9724
YIQ	92.1320, -71.7940, -31.4900

Conversions

Conversions Part 2

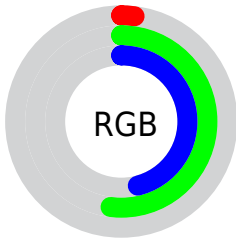
Format	Color
RYB	4, 72, 132
Decimal	296054
CIELab	49.30, -33.64, -1.06
CIELCh	49, 33.659, 181.798
Yxy	17.8363, 0.2343, 0.3612
Android (android.graphics.Color)	4278486134 (0xFF048476)
YUV	92.1320, 12.7529, -77.2918
Hunter-Lab	42.2331, -25.0011, 1.5244

Details

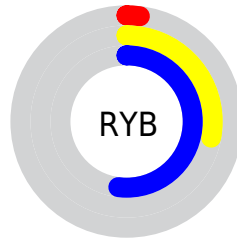
The Hex color **048476** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **840412**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53BAAA**, and **005246** is the 20% darker color. If you saturate the color by 10%, you get **008476**, and if you desaturate by 10%, it is **118477**.

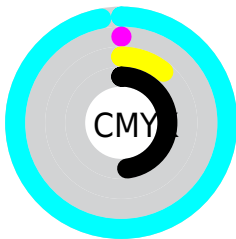
Distribution



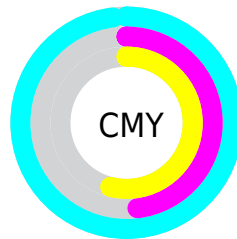
- Red (2%)
- Green (52%)
- Blue (46%)



- Red (2%)
- Yellow (28%)
- Blue (52%)



- Cyan (97%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



- Cyan (98%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 048476 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 048476 by changing the saturation by 10% instead.



048476



048476

FFFFFF



006A5D



53BAAA



005246



70D6C5



003A30



8DF2E1



00251B



AAFFFE



000000



C7FFFF



E4FFFF



048476



048476



008476



118477

■ 1E8479

■ 2C847A

■ 39847C

■ 46847D

■ 53847F

■ 608480

■ 6E8482

■ 7B8483

Harmonies

Analogous

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



448259



048476



008392

Triad

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



048476



7A6DA6



9D6A43

Complementary

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



048476



840412

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.



AA6159



048476



9A6391

Square

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



048476



4A77AE



AA5E75



85743B

Rectangle

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



048476



0081A1



AA5E75



A26749

Sweetspot

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



048476



79ABA5



138404



385753



D6D6D6



575757

Same Dimension

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



048476



00AB98



045384



3C4242



008274



000302

Inverse Universe

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



840412



AB0013



843504



423C3C



82000E



030000

Previews

White Background



This preview shows how the Hex color 048476 looks on a white background.

Color Contrast Check

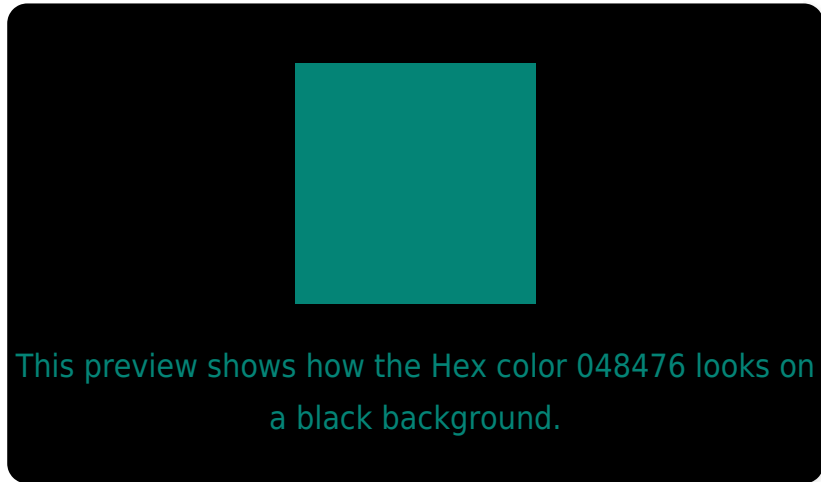
Large Text (above 18pt) WCAG AA ✓ Pass

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

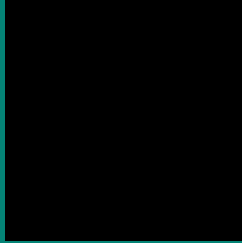
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 048476 Background



This preview shows how black text looks on a background with the Hex color 048476.

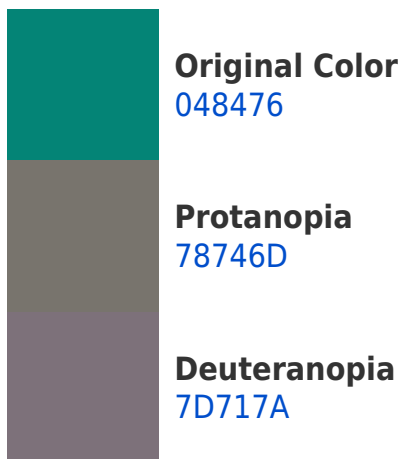


This preview shows how white text looks on a background with the Hex color 048476.

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





Tritanopia
22818B

Trichromacy



Original Color
048476



Protanomaly
4E7A70



Deuteranomaly
517879



Tritanomaly
178283

Monochromacy



Original Color
048476



Achromatopsia
5C5C5C



Achromatomaly
3C6B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 048476 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 #048476 looks like.

```
.text, #text, p{  
    color:#048476  
}
```

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 #048476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048476
}
```

Border

The CSS property to change the border of an element to Hex 048476 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
#048476 }
```

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

```
.border{ border-color:#048476 }
```

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

Here you see how a box with a 4 pixel #048476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048476; -webkit-box-shadow:4px 4px  
4px 4px #048476; box-shadow:4px 4px 4px  
4px #048476 }
```

Background

The CSS property to change the background color of an element to Hex 048476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048476 }
```

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

```
.background{ background-color:#048476 }
```

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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