

Converting Colors

Hex(047079)

Have a look what the booklet for
Hex(047079) contains.

Hex(047079)	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(047079)

Conversions

Conversions Part 1

Format	Color
Hex	047079
RGB	4, 112, 121
RGB Percent	2%, 44%, 47%
CMY	0.9843, 0.5608, 0.5255
CMYK	0.97, 0.07, 0.00, 0.53
HSL	185°, 94%, 25%
HSV	185°, 97%, 47%
XYZ	9.2954, 12.9946, 20.1075
YIQ	80.7340, -67.2570, -20.0970

Conversions

Conversions Part 2

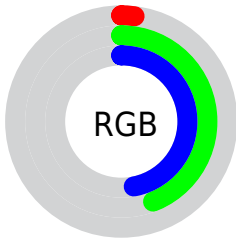
Format	Color
RYB	4, 60, 121
Decimal	290937
CIELab	42.76, -22.89, -12.59
CIELCh	43, 26.126, 208.811
Yxy	12.9946, 0.2192, 0.3065
Android (android.graphics.Color)	4278481017 (0xFF047079)
YUV	80.7340, 19.8511, -67.2957
Hunter-Lab	36.0481, -17.0557, -7.8381

Details

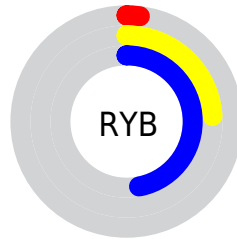
The Hex color **047079** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **790D04**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FA4AD**, and **004048** is the 20% darker color. If you saturate the color by 10%, you get **007079**, and if you desaturate by 10%, it is **107179**.

Distribution



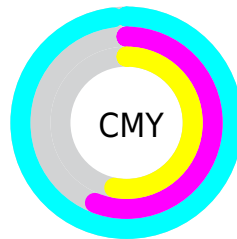
- Red (2%)
- Green (44%)
- Blue (47%)



- Red (2%)
- Yellow (24%)
- Blue (47%)



- Cyan (97%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047079 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 047079 by changing the saturation by 10% instead.

047079

047079

FFFFFF

005760

4FA4AD

004048

6CBFC9

002932

88DBE5

00121D

A5F8FF

000000

C1FFFF

DEFFFF

FCFFFF

047079

047079

■ 007079

■ 107179

■ 1C7279

■ 287379

■ 347479

■ 407579

■ 4D7679

■ 597779

■ 657779

■ 717879

Harmonies

Analogous

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



267063



047079



1C6D89

Triad

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



047079



7F587C



746339

Complementary

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



047079



790D04

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.



855C41



047079



8D5467

Square

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



047079



66608B



8E5651



5E6A3E

Rectangle

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



047079



37698F



8E5651



7A613B

Sweetspot

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



047079



709B9E



04790C



334D4F



CFCFCF



4F4F4F

Same Dimension

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



047079



00929E



043779



373D3D



00737D



00E9FC

Inverse Universe

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



790470



9E0092



794604



3D373D



7D0073



FC00E9

Previews

White Background



This preview shows how the Hex color 047079 looks on a white background.

Color Contrast Check

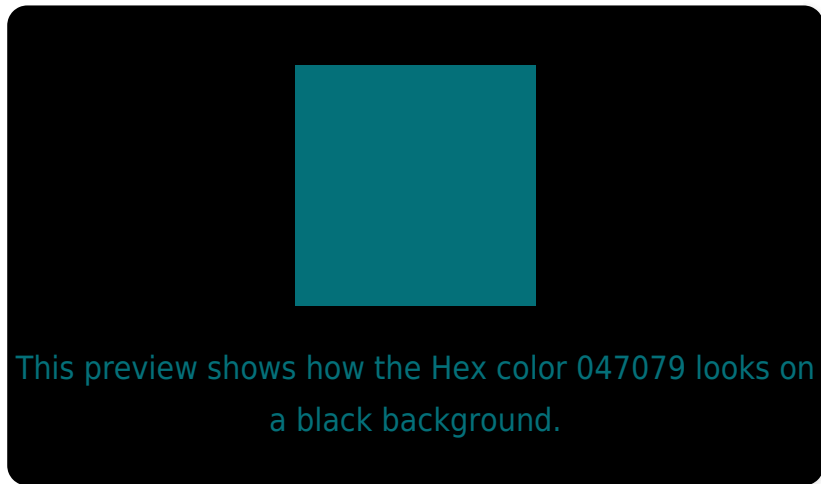
Large Text (above 18pt) WCAG AA ✓ Pass

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

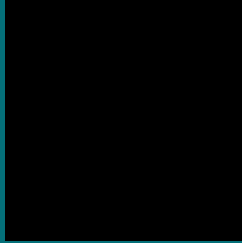
Any Text WCAG AA × Fail

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 047079 Background



This preview shows how black text looks on a background with the Hex color 047079.

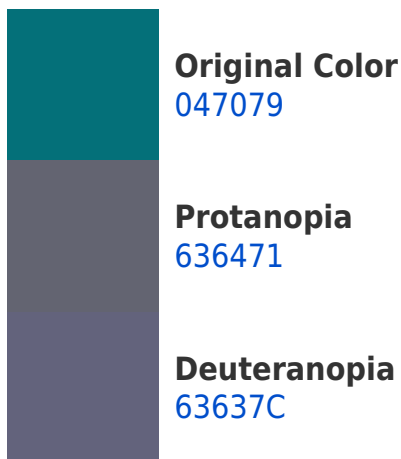


This preview shows how white text looks on a background with the Hex color 047079.

Color Blindness Simulation

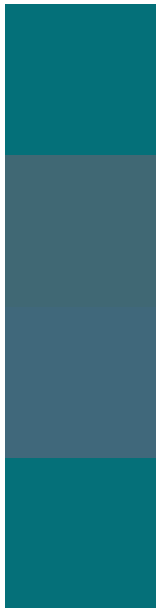
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
047079

Protanomaly
406874

Deuteranomaly
40687B

Tritanomaly
057079

Monochromacy



Original Color
047079

Achromatopsia
515151

Achromatomaly
355C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 047079 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 #047079 looks like.

```
.text, #text, p{  
    color:#047079  
}
```

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 #047079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047079
}
```

Border

The CSS property to change the border of an element to Hex 047079 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
#047079 }
```

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

```
.border{ border-color:#047079 }
```

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

Here you see how a box with a 4 pixel #047079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047079; -webkit-box-shadow:4px 4px  
4px 4px #047079; box-shadow:4px 4px 4px  
4px #047079 }
```

Background

The CSS property to change the background color of an element to Hex 047079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047079 }
```

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

```
.background{ background-color:#047079 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor