

Converting Colors

Hex(047B94)

Have a look what the booklet for
Hex(047B94) contains.

Hex(047B94)	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(047B94)

Conversions

Conversions Part 1

Format	Color
Hex	047B94
RGB	4, 123, 148
RGB Percent	2%, 48%, 58%
CMY	0.9843, 0.5176, 0.4196
CMYK	0.97, 0.17, 0.00, 0.42
HSL	190°, 95%, 30%
HSV	190°, 97%, 58%
XYZ	12.4783, 16.3298, 30.5113
YIQ	90.2690, -78.9490, -17.4530

Conversions

Conversions Part 2

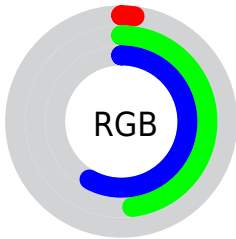
Format	Color
RYB	4, 69, 148
Decimal	293780
CIELab	47.40, -19.17, -21.56
CIELCh	47, 28.851, 228.354
Yxy	16.3298, 0.2104, 0.2753
Android (android.graphics.Color)	4278483860 (0xFF047B94)
YUV	90.2690, 28.4614, -75.6579
Hunter-Lab	40.4102, -15.5986, -16.4791

Details

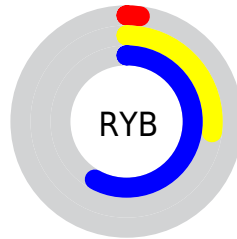
The Hex color **047B94** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **941D04**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56B0CA**, and **004A61** is the 20% darker color. If you saturate the color by 10%, you get **007A94**, and if you desaturate by 10%, it is **137E94**.

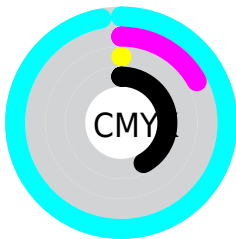
Distribution



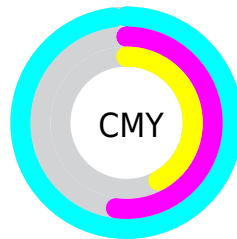
- Red (2%)
- Green (48%)
- Blue (58%)



- Red (2%)
- Yellow (27%)
- Blue (58%)



- Cyan (97%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047B94 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 047B94 by changing the saturation by 10% instead.

 047B94

 047B94

FFFFFF

 00627A

 56B0CA

 004A61

 74CBE6

 003349

 91E7FF

 001F33

 AEFFFF

 00021E

 CBFFFF

 000000

 E9FFFF

 047B94

 047B94

 007A94

 137E94

■ 228094

■ 308394

■ 3F8594

■ 4E8894

■ 5D8A94

■ 6C8D94

■ 7A9094

■ 899294

Harmonies

Analogous

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



097D7F



047B94



3B76A0

Triad

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



047B94



9A5E7B



717441

Complementary

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



047B94



941D04

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.



896C41



047B94



A05E62

Square

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



047B94



866591



99634D



567A4F

Rectangle

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



047B94



5871A0



99634D



7A7140

Sweetspot

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



047B94



88B6BF



04941C



3F5B61



E0E0E0



616161

Same Dimension

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



047B94



009EBF



043494



43494A



00728A



00080A

Inverse Universe

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



94047B



BF009E



946404



4A4349



8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 047B94 looks on a white background.

Color Contrast Check

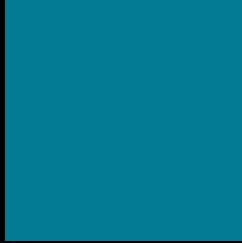
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 047B94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

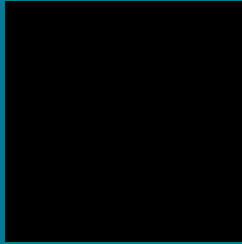
Any Text WCAG AA × Fail

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 047B94 Background



This preview shows how black text looks on a background with the Hex color 047B94.

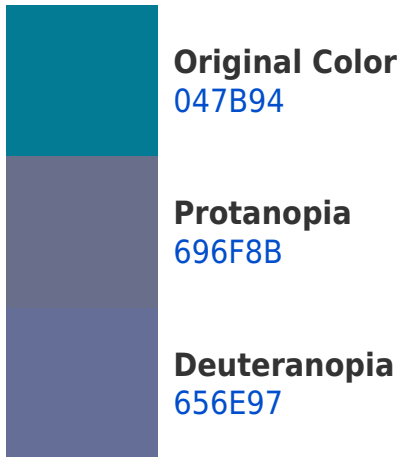


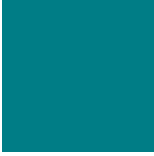
This preview shows how white text looks on a background with the Hex color 047B94.

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
007D86

Trichromacy



Original Color
047B94

Protanomaly
44738E

Deuteranomaly
427396

Tritanomaly
017C8B

Monochromacy



Original Color
047B94

Achromatopsia
5A5A5A

Achromatomaly
3B666F

CSS Examples

Text

The CSS property to change the color of the text to Hex 047B94 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 #047B94 looks like.

```
.text, #text, p{  
    color:#047B94  
}
```

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 #047B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047B94
}
```

Border

The CSS property to change the border of an element to Hex 047B94 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
#047B94 }
```

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

```
.border{ border-color:#047B94 }
```

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

Here you see how a box with a 4 pixel #047B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047B94; -webkit-box-shadow:4px 4px  
4px 4px #047B94; box-shadow:4px 4px 4px  
4px #047B94 }
```

Background

The CSS property to change the background color of an element to Hex 047B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047B94 }
```

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

```
.background{ background-color:#047B94 }
```

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