

Converting Colors

Hex(0084A2)

Have a look what the booklet for
Hex(0084A2) contains.

Hex(0084A2)	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(0084A2)

Conversions

Conversions Part 1

Format	Color
Hex	0084A2
RGB	0, 132, 162
RGB Percent	0%, 52%, 64%
CMY	1.0000, 0.4824, 0.3647
CMYK	1.00, 0.19, 0.00, 0.36
HSL	191°, 100%, 32%
HSV	191°, 100%, 64%
XYZ	14.7729, 19.1112, 37.0926
YIQ	95.9520, -88.3020, -18.6540

Conversions

Conversions Part 2

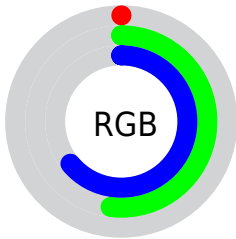
Format	Color
RYB	0, 73, 162
Decimal	33954
CIELab	50.82, -19.17, -24.48
CIELCh	51, 31.095, 231.930
Yxy	19.1112, 0.2081, 0.2693
Android (android.graphics.Color)	4278224034 (0xFF0084A2)
YUV	95.9520, 32.5617, -84.1499
Hunter-Lab	43.7163, -16.1839, -19.7052

Details

The Hex color **0084A2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A21E00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59B9D9**, and **00526E** is the 20% darker color. If you saturate the color by 10%, you get **0084A2**, and if you desaturate by 10%, it is **1087A2**.

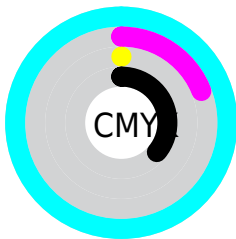
Distribution



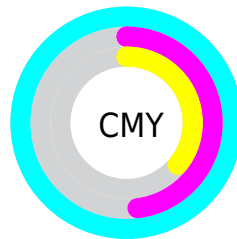
- Red (0%)
- Green (52%)
- Blue (64%)



- Red (0%)
- Yellow (29%)
- Blue (64%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0084A2 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 0084A2 by changing the saturation by 10% instead.

 0084A2

 0084A2

FFFFFF

 006B88

 59B9D9

 00526E

 77D5F5

 003B56

 95F1FF

 00253E

 B2FFFF

 000829

 D0FFFF

 000113

 EEEFFF

 000000

 0084A2

 1087A2

 208AA2

 318DA2

 4190A2

 5193A2

 6196A2

 7199A2

 829CA2

 929FA2

Harmonies

Analogous

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



00878C



0084A2



447EAD

Triad

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



0084A2



A76581



767D47

Complementary

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



0084A2



A21E00

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.



917544



0084A2



AC6567

Square

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



0084A2



936B9A



A46C50



588357

Rectangle

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



0084A2



6378AD



A46C50



807B44

Sweetspot

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



0084A2



94C8D4



00A21E



45646B



EBEBEB



6B6B6B

Same Dimension

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



0084A2



00ACD4



0033A2



495052



007691



000F12

Inverse Universe

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



A20084



D400AC



A26F00



524950



910076



12000F

Previews

White Background



This preview shows how the Hex color 0084A2 looks on a white background.

Color Contrast Check

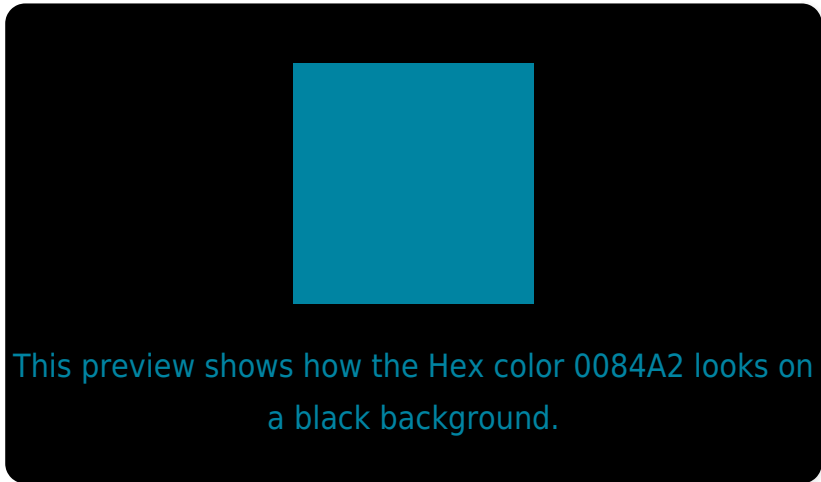
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

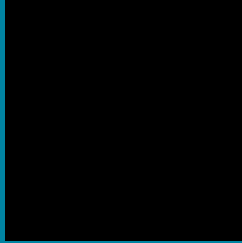
Any Text WCAG AA ✓ Pass

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 0084A2 Background



This preview shows how black text looks on a background with the Hex color 0084A2.

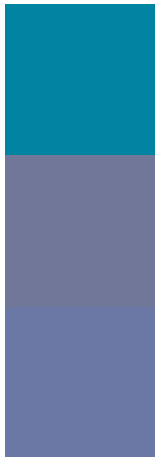


This preview shows how white text looks on a background with the Hex color 0084A2.

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
0084A2

Protanopia
707799

Deuteranopia
6B77A5



Tritanopia
008691

Trichromacy



Original Color
0084A2

Protanomaly
477C9C

Deuteranomaly
447CA4

Tritanomaly
008597

Monochromacy



Original Color
0084A2

Achromatopsia
606060

Achromatomaly
3D6D78

CSS Examples

Text

The CSS property to change the color of the text to Hex 0084A2 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 #0084A2 looks like.

```
.text, #text, p{  
    color:#0084A2  
}
```

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 #0084A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0084A2
}
```

Border

The CSS property to change the border of an element to Hex 0084A2 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
#0084A2 }
```

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

```
.border{ border-color:#0084A2 }
```

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

Here you see how a box with a 4 pixel #0084A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0084A2; -webkit-box-shadow:4px 4px  
4px 4px #0084A2; box-shadow:4px 4px 4px  
4px #0084A2 }
```

Background

The CSS property to change the background color of an element to Hex 0084A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0084A2 }
```

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

```
.background{ background-color:#0084A2 }
```

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