

Converting Colors

Hex(0A84A5)

Have a look what the booklet for
Hex(0A84A5) contains.

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Color

Hex(0A84A5)

Conversions

Conversions Part 1	
Format	Color
Hex	0A84A5
RGB	10, 132, 165
RGB Percent	4%, 52%, 65%
CMY	0.9608, 0.4824, 0.3529
CMYK	0.94, 0.20, 0.00, 0.35
HSL	193°, 89%, 34%
HSV	193°, 94%, 65%
XYZ	15.1680, 19.2837, 38.5200
YIQ	99.2840, -83.3050, -15.6010

Conversions

Conversions Part 2

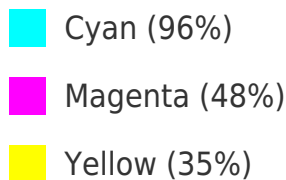
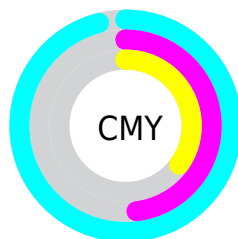
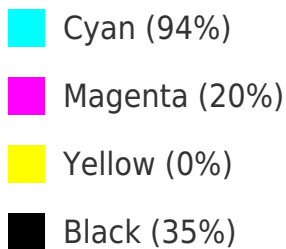
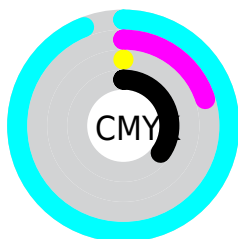
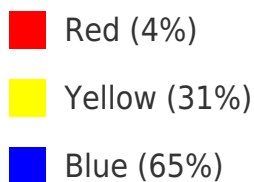
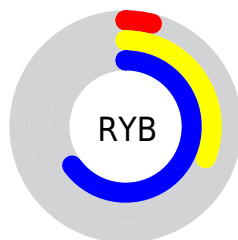
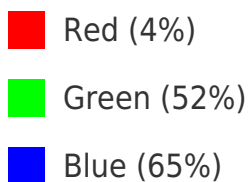
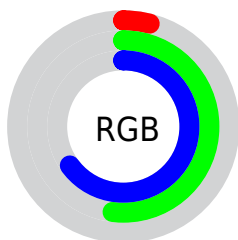
Format	Color
RYB	10, 78, 165
Decimal	689317
CIELab	51.02, -17.66, -25.90
CIELCh	51, 31.352, 235.712
Yxy	19.2837, 0.2079, 0.2643
Android (android.graphics.Color)	4278879397 (0xFF0A84A5)
YUV	99.2840, 32.3980, -78.3021
Hunter-Lab	43.9132, -15.1927, -21.2691

Details

The Hex color **0A84A5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A52B0A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5CB9DC**, and **005271** is the 20% darker color. If you saturate the color by 10%, you get **0082A5**, and if you desaturate by 10%, it is **1B88A5**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 0A84A5 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 0A84A5 by changing the saturation by 10% instead.

 0A84A5

 0A84A5

FFFFFF

 006B8B

 5CB9DC

 005271

 7AD5F9

 003B58

 98F1FF

 002541

 B5FFFF

 000A2B

 D3FFFF

 000115

 F1FFFF

 000000

 0A84A5

 0A84A5

 0082A5

 1B88A5

 2B8BA5

 3B8FA5

 4C92A5

 5C96A5

 6D99A5

 7E9DA5

 8EA0A5

 9EA4A5

Harmonies

Analogous

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



008790



0A84A5



4A7DAE

Triad

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



0A84A5



AA657E



737F48

Complementary

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



0A84A5



A52B0A

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.



8E7744



0A84A5



AD6664

Square

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



0A84A5



976A98



A36D4E



54855A

Rectangle

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



0A84A5



6977AD



A36D4E



7D7C45

Sweetspot

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



0A84A5



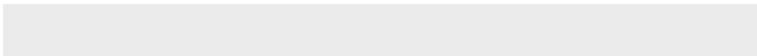
9AC9D6



0AA529



47636B



EBEBEB



6B6B6B

Same Dimension

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



0A84A5



00A9D6



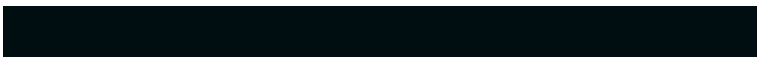
0A38A5



495052



007291



000E12

Inverse Universe

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



A50A84



D600A9



A5760A



524950



910072



12000E

Previews

White Background



This preview shows how the Hex color 0A84A5 looks on a white background.

Color Contrast Check

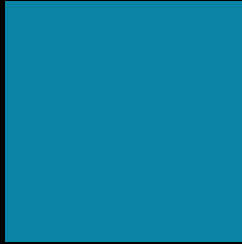
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 0A84A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

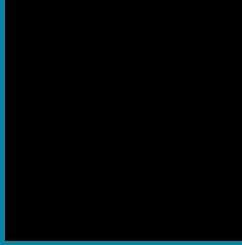
Any Text WCAG AA ✓ Pass

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 0A84A5 Background



This preview shows how black text looks on a background with the Hex color 0A84A5.

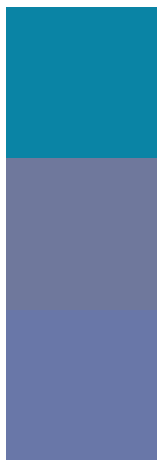


This preview shows how white text looks on a background with the Hex color 0A84A5.

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

0A84A5

Protanopia

6F789C

Deuteranopia





6977A8






Tritanopia

008691

Trichromacy

	Original Color 0A84A5
	Protanomaly 4A7C9F
	Deuteranomaly 467CA7
	Tritanomaly 048598

Monochromacy

	Original Color 0A84A5
	Achromatopsia 636363
	Achromatomaly 436F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A84A5 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 #0A84A5 looks like.

```
.text, #text, p{  
    color:#0A84A5  
}
```

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 #0A84A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A84A5
}
```

Border

The CSS property to change the border of an element to Hex 0A84A5 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
#0A84A5 }
```

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

```
.border{ border-color:#0A84A5 }
```

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

Here you see how a box with a 4 pixel #0A84A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A84A5; -webkit-box-shadow:4px 4px  
4px 4px #0A84A5; box-shadow:4px 4px 4px  
4px #0A84A5 }
```

Background

The CSS property to change the background color of an element to Hex 0A84A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A84A5 }
```

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

```
.background{ background-color:#0A84A5 }
```

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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