

Converting Colors

Hex(0990A5)

Have a look what the booklet for
Hex(0990A5) contains.

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Color

Hex(0990A5)

Conversions

Conversions Part 1

Format	Color
Hex	0990A5
RGB	9, 144, 165
RGB Percent	4%, 56%, 65%
CMY	0.9647, 0.4353, 0.3529
CMYK	0.95, 0.13, 0.00, 0.35
HSL	188°, 90%, 34%
HSV	188°, 95%, 65%
XYZ	16.8774, 22.7212, 39.0934
YIQ	106.0290, -87.2010, -22.0890

Conversions

Conversions Part 2

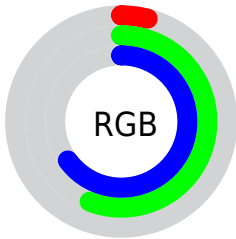
Format	Color
RYB	9, 81, 165
Decimal	626853
CIELab	54.78, -24.07, -20.11
CIELCh	55, 31.363, 219.876
Yxy	22.7212, 0.2145, 0.2887
Android (android.graphics.Color)	4278816933 (0xFF0990A5)
YUV	106.0290, 29.0727, -85.0944
Hunter-Lab	47.6668, -20.2151, -15.2593

Details

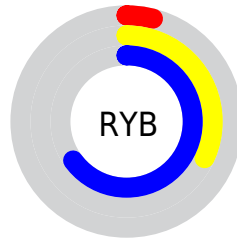
The Hex color **0990A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A51E09**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5DC6DC**, and **005D71** is the 20% darker color. If you saturate the color by 10%, you get **008FA5**, and if you desaturate by 10%, it is **1992A5**.

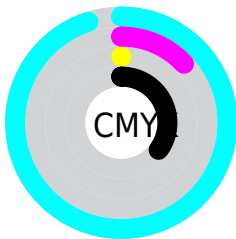
Distribution



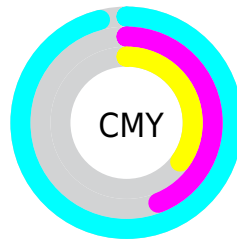
- Red (4%)
- Green (56%)
- Blue (65%)



- Red (4%)
- Yellow (32%)
- Blue (65%)



- Cyan (95%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0990A5 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 0990A5 by changing the saturation by 10% instead.

0990A5

0990A5

FFFFFF

00768B

5DC6DC

005D71

7CE2F9

004559

99FFFF

002E41

B7FFFF

001B2B

D5FFFF

000116

F3FFFF

000000

0990A5

0990A5

008FA5

1992A5

■ 2A94A5

■ 3A97A5

■ 4B99A5

■ 5B9BA5

■ 6C9DA5

■ 7CA0A5

■ 8DA2A5

■ 9DA4A5

Harmonies

Analogous

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



25928B



0990A5



3A8BB5

Triad

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



0990A5



AC7196



8C844D

Complementary

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



0990A5



A51E09

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.



A47B50



0990A5



B86E7B

Square

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



0990A5



9279AD



B47262



6E8C59

Rectangle

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



0990A5



5B86B9



B47262



95814C

Sweetspot

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



0990A5



9ACED6



09A51E



47666B



EBEBEB



6B6B6B

Same Dimension

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



0990A5



00B9D6



0942A5



495152



007E91



000F12

Inverse Universe

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



A50990



D600B9



A56C09



524951



91007E



12000F

Previews

White Background



This preview shows how the Hex color 0990A5 looks on a white background.

Color Contrast Check

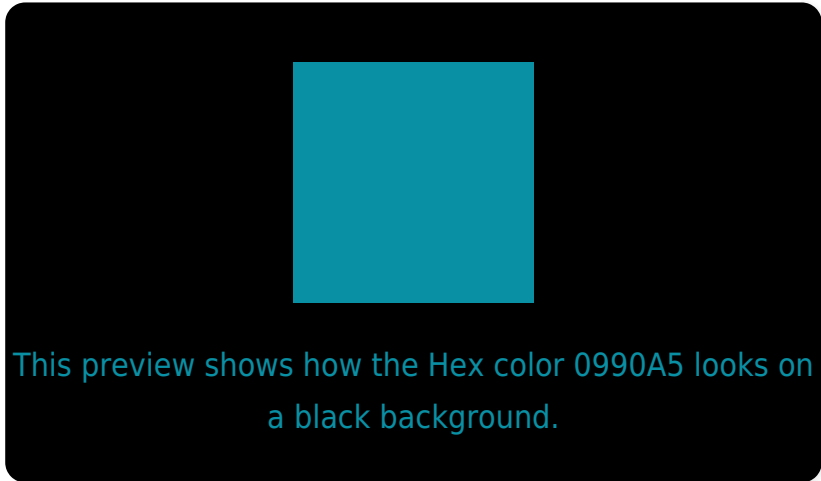
Large Text (above 18pt) WCAG AA ✓ Pass

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

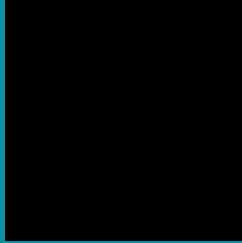
Any Text WCAG AA ✓ Pass

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 0990A5 Background



This preview shows how black text looks on a background with the Hex color 0990A5.

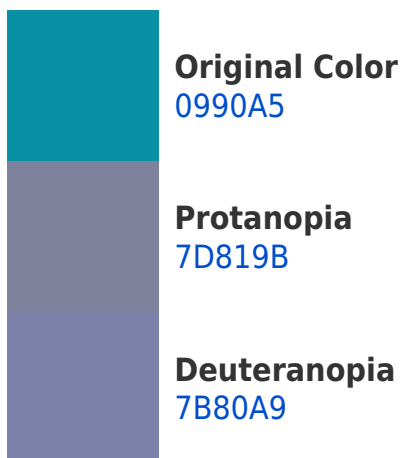


This preview shows how white text looks on a background with the Hex color 0990A5.

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
00919D

Trichromacy



Original Color
0990A5

Protanomaly
53869F

Deuteranomaly
5286A8

Tritanomaly
0391A0

Monochromacy



Original Color
0990A5

Achromatopsia
6A6A6A

Achromatomaly
47787F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0990A5 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 #0990A5 looks like.

```
.text, #text, p{  
    color:#0990A5  
}
```

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 #0990A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0990A5
}
```

Border

The CSS property to change the border of an element to Hex 0990A5 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
#0990A5 }
```

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

```
.border{ border-color:#0990A5 }
```

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

Here you see how a box with a 4 pixel #0990A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0990A5; -webkit-box-shadow:4px 4px  
4px 4px #0990A5; box-shadow:4px 4px 4px  
4px #0990A5 }
```

Background

The CSS property to change the background color of an element to Hex 0990A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0990A5 }
```

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

```
.background{ background-color:#0990A5 }
```

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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