

# Converting Colors

Hex(108A95)

Have a look what the booklet for  
Hex(108A95) contains.

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# Color

**Hex(108A95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	108A95
RGB	16, 138, 149
RGB Percent	6%, 54%, 58%
CMY	0.9373, 0.4588, 0.4157
CMYK	0.89, 0.07, 0.00, 0.42
HSL	185°, 81%, 32%
HSV	185°, 89%, 58%
XYZ	14.7270, 20.4570, 31.6062
YIQ	102.7760, -76.2430, -22.4430

# Conversions

## Conversions Part 2

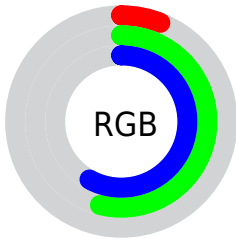
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 80, 149
Decimal	1084053
CIE <sub>Lab</sub>	52.35, -26.06, -14.58
CIE <sub>LCh</sub>	52, 29.861, 209.224
Yxy	20.4570, 0.2205, 0.3063
Android (android.graphics.Color)	4279274133 (0xFF108A95)
YUV	102.7760, 22.7884, -76.1026
Hunter-Lab	45.2295, -21.0309, -9.7710

# Details

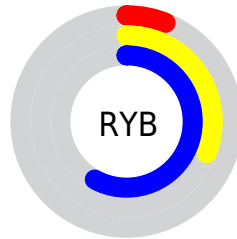
The Hex color **108A95** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **951B10**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5BC0CB**, and **005862** is the 20% darker color. If you saturate the color by 10%, you get **018995**, and if you desaturate by 10%, it is **1F8B95**.

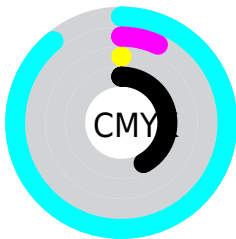
# Distribution



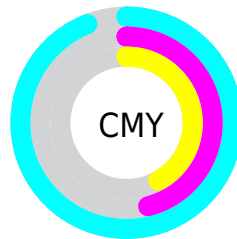
- Red (6%)
- Green (54%)
- Blue (58%)



- Red (6%)
- Yellow (31%)
- Blue (58%)



- Cyan (89%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (46%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 108A95 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 108A95 by changing the saturation by 10% instead.



 108A95

 108A95

FFFFFF

 00707B

 5BC0CB

 005862

 79DCE7

 00404A

 96F9FF

 002934

 B3FFFF

 00111F

 D1FFFF

 000003

 EFFFFFF

 000000

 108A95

 108A95

 018995

 1F8B95

■ 008995

■ 2E8C95

■ 3D8E95

■ 4C8F95

■ 5A9095

■ 699195

■ 789395

■ 879495

■ 969595

# Harmonies

## Analogous

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



338A7B



108A95



2986A8

# Triad

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



108A95



9D6E97



8E7B49

# Complementary

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



108A95



951B10

# 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.



A37252



108A95



AC697F

# Square

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



108A95



7F76AA



AE6B65



74834F

# Rectangle

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



108A95



4882AF



AE6B65



96784B



# Sweetspot

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



108A95



8DBDC2



109519



425E61



E0E0E0



616161



# Same Dimension

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



108A95



00B2C2



104A95



43494A



007E8A



00090A



# Inverse Universe

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



95108A



C200B2



955B10



4A4349



8A007E



0A0009



# Previews

## White Background



This preview shows how the Hex color 108A95 looks on a white background.

## Color Contrast Check

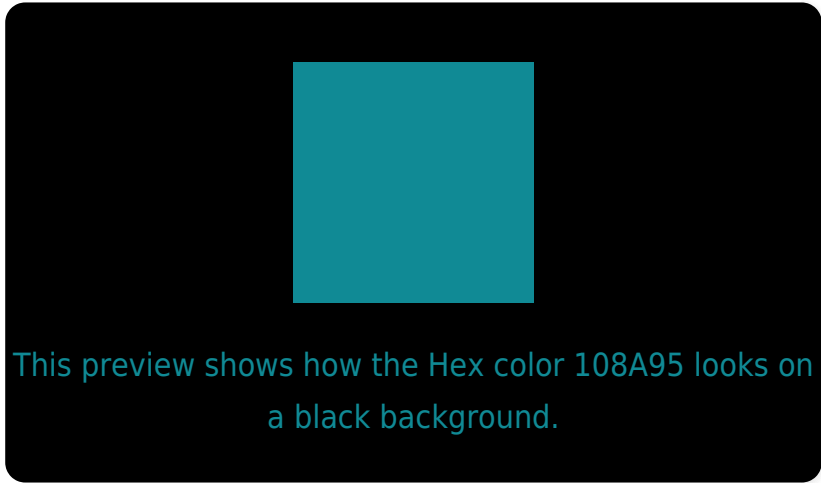
Large Text (above 18pt) WCAG AA ✓ Pass

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

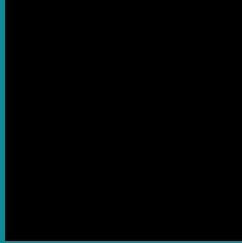
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 108A95 Background



This preview shows how black text looks on a background with the Hex color 108A95.

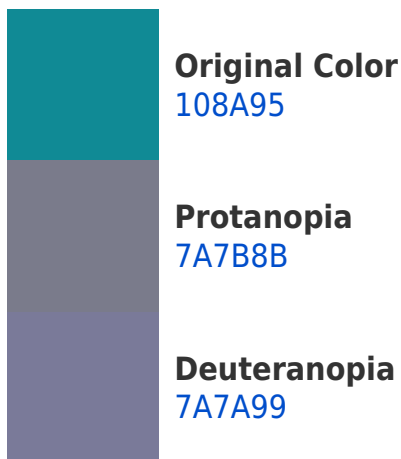


This preview shows how white text looks on a background with the Hex color 108A95.

# 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**  
108A95

# Trichromacy



**Original Color**  
108A95

**Protanomaly**  
53808F

**Deuteranomaly**  
538098

**Tritanomaly**  
108A95

# Monochromacy



**Original Color**  
108A95

**Achromatopsia**  
676767

**Achromatomaly**  
477478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 108A95 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 #108A95 looks like.

```
.text, #text, p{  
  color:#108A95  
}
```

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 #108A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #108A95
}
```

## Border

The CSS property to change the border of an element to Hex 108A95 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
#108A95 }
```

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

```
.border{ border-color:#108A95 }
```

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

Here you see how a box with a 4 pixel #108A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #108A95; -webkit-box-shadow:4px 4px  
4px 4px #108A95; box-shadow:4px 4px 4px  
4px #108A95 }
```

# Background

The CSS property to change the background color of an element to Hex 108A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#108A95 }
```

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

```
.background{ background-color:#108A95 }
```

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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