

# Converting Colors

Hex(138A96)

Have a look what the booklet for  
Hex(138A96) contains.

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# Color

Hex(138A96)

# Conversions

## Conversions Part 1

Format	Color
Hex	138A96
RGB	19, 138, 150
RGB Percent	7%, 54%, 59%
CMY	0.9255, 0.4588, 0.4118
CMYK	0.87, 0.08, 0.00, 0.41
HSL	185°, 78%, 33%
HSV	185°, 87%, 59%
XYZ	14.8621, 20.5174, 32.0311
YIQ	103.7870, -74.7760, -21.4960

# Conversions

## Conversions Part 2

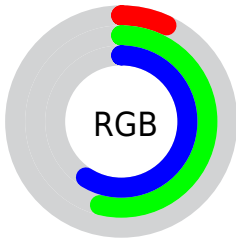
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 81, 150
Decimal	1280662
CIELab	52.42, -25.53, -15.05
CIELCh	52, 29.639, 210.525
Yxy	20.5174, 0.2205, 0.3044
Android (android.graphics.Color)	4279470742 (0xFF138A96)
YUV	103.7870, 22.7830, -74.3582
Hunter-Lab	45.2962, -20.7009, -10.2195

# Details

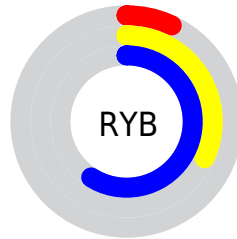
The Hex color **138A96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **961F13**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5CC0CC**, and **005863** is the 20% darker color. If you saturate the color by 10%, you get **048996**, and if you desaturate by 10%, it is **228B96**.

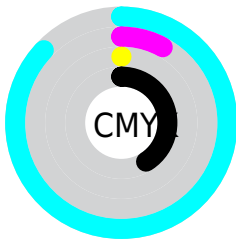
# Distribution



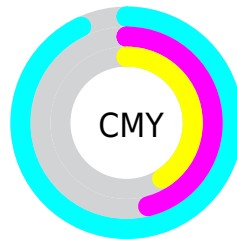
- Red (7%)
- Green (54%)
- Blue (59%)



- Red (7%)
- Yellow (32%)
- Blue (59%)



- Cyan (87%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (93%)
- Magenta (46%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 138A96 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 138A96 by changing the saturation by 10% instead.



 138A96

 138A96

FFFFFF

 00707C

 5CC0CC

 005863

 7ADCE8

 00404B

 97F8FF

 002935

 B4FFFF

 001120

 D2FFFF

 000005

 F0FFFF

 000000

 138A96

 138A96

 048996

 228B96

008896

318D96

408E96

4F8F96

5E9196

6D9296

7C9496

8B9596

9A9696

# Harmonies

## Analogous

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



328B7D



138A96



2D86A9

# Triad

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



138A96



9D6E96



8D7C4A

# Complementary

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



138A96



961F13

# 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.



A27351



138A96



AD697E

# Square

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



138A96



8176A9



AE6C65



738350

# Rectangle

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



138A96



4A82AF



AE6C65



95794B



# Sweetspot

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



138A96



8FBDC2



13961E



435E61



E0E0E0



616161



# Same Dimension

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



138A96



00B0C2



134A96



43494A



007D8A



00090A



# Inverse Universe

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



96138A



C200B0



965F13



4A4349



8A007D



0A0009



# Previews

## White Background



This preview shows how the Hex color 138A96 looks on a white background.

## Color Contrast Check

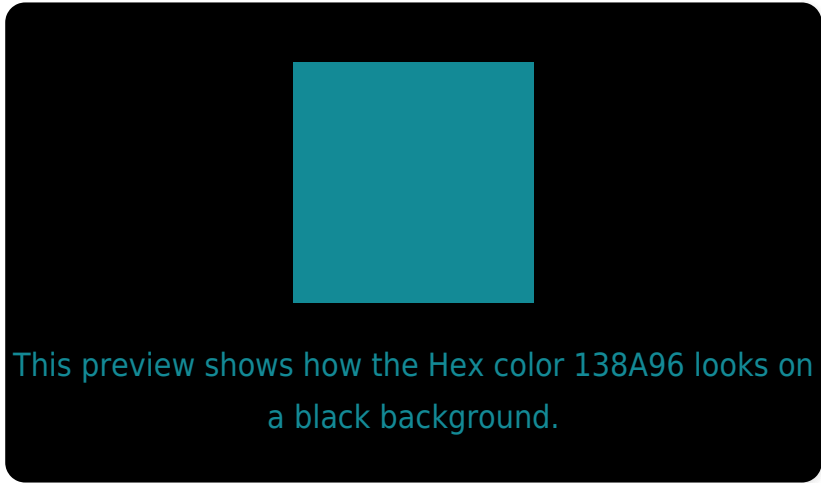
Large Text (above 18pt) WCAG AA ✓ Pass

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

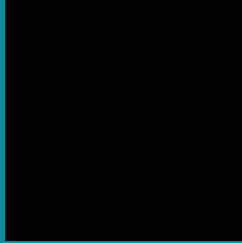
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 138A96 Background



This preview shows how black text looks on a background with the Hex color 138A96.

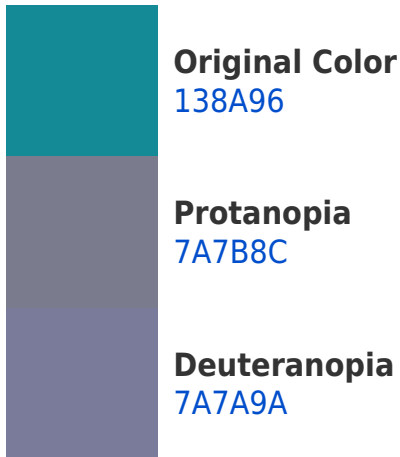


This preview shows how white text looks on a background with the Hex color 138A96.

# 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**  
128A95

# Trichromacy



**Original Color**  
138A96



**Protanomaly**  
558090



**Deuteranomaly**  
558099



**Tritanomaly**  
128A95

# Monochromacy



**Original Color**  
138A96



**Achromatopsia**  
686868



**Achromatomaly**  
497479

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 138A96 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 #138A96 looks like.

```
.text, #text, p{  
    color:#138A96  
}
```

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 #138A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138A96
}
```

## Border

The CSS property to change the border of an element to Hex 138A96 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
#138A96 }
```

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

```
.border{ border-color:#138A96 }
```

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

Here you see how a box with a 4 pixel #138A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138A96; -webkit-box-shadow:4px 4px  
4px 4px #138A96; box-shadow:4px 4px 4px  
4px #138A96 }
```

# Background

The CSS property to change the background color of an element to Hex 138A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138A96 }
```

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

```
.background{ background-color:#138A96 }
```

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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