

Converting Colors

Hex(098366)

Have a look what the booklet for
Hex(098366) contains.

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Color

Hex(098366)

Conversions

Conversions Part 1

Format	Color
Hex	098366
RGB	9, 131, 102
RGB Percent	4%, 51%, 40%
CMY	0.9647, 0.4863, 0.6000
CMYK	0.93, 0.00, 0.22, 0.49
HSL	166°, 87%, 27%
HSV	166°, 93%, 51%
XYZ	10.6272, 17.2500, 15.3398
YIQ	91.2160, -63.4030, -34.8830

Conversions

Conversions Part 2

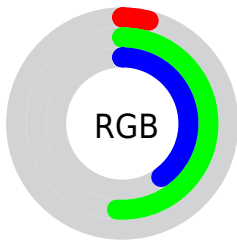
Format	Color
RYB	9, 78, 131
Decimal	623462
CIELab	48.57, -37.46, 7.27
CIELCh	49, 38.154, 169.022
Yxy	17.2500, 0.2459, 0.3991
Android (android.graphics.Color)	4278813542 (0xFF098366)
YUV	91.2160, 5.3165, -72.1034
Hunter-Lab	41.5331, -27.0095, 7.1750

Details

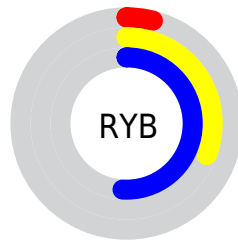
The Hex color **098366** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **830926**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **53B999**, and **005037** is the 20% darker color. If you saturate the color by 10%, you get **008364**, and if you desaturate by 10%, it is **168369**.

Distribution



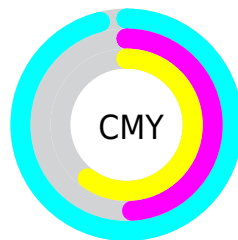
- Red (4%)
- Green (51%)
- Blue (40%)



- Red (4%)
- Yellow (31%)
- Blue (51%)



- Cyan (93%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (96%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 098366 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 098366 by changing the saturation by 10% instead.

 098366

 098366

FFFFFF

 00694E

 53B999

 005037

 6FD5B4

 003922

 8CF1CF

 00240C

 A8FFEB

 000000

 C5FFFF

 E3FFFF

 098366

 098366

 008364

 168369

■ 23836C

■ 30836F

■ 3D8372

■ 4A8376

■ 588379

■ 65837C

■ 72837F

■ 7F8382

Harmonies

Analogous

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



4D7F47



098366



008487

Triad

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



098366



6270B0



A76244

Complementary

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



098366



830926

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.



B05960



098366



8F639E

Square

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



098366



077AB2



A95981



916D33

Rectangle

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



098366



00829B



A95981



AB5E4C

Sweetspot

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



098366



7BAB9F



278309



395750



D6D6D6



575757

Same Dimension

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



098366



00AB82



096583



3C4241



008263



000302

Inverse Universe

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



830926



AB0029



832709



423C3D



82001F



030001

Previews

White Background



This preview shows how the Hex color 098366 looks on a white background.

Color Contrast Check

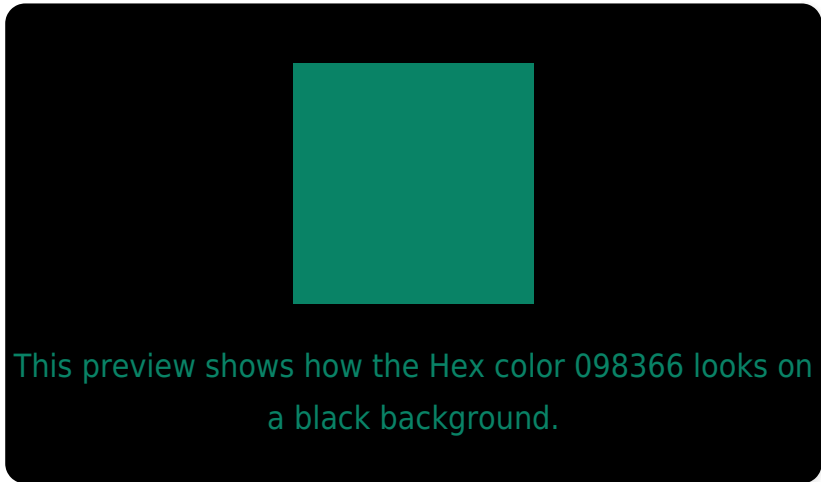
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

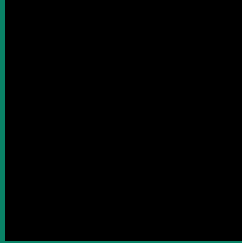
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 098366 Background



This preview shows how black text looks on a background with the Hex color 098366.

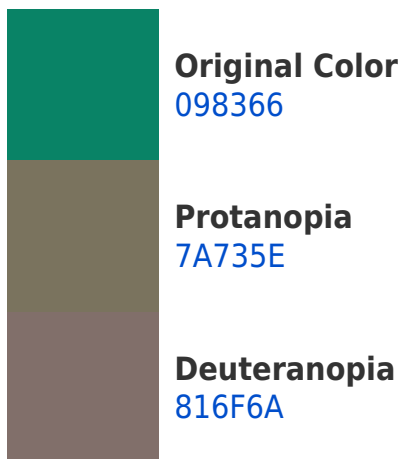


This preview shows how white text looks on a background with the Hex color 098366.

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
297E89

Trichromacy



Original Color
098366

Protanomaly
517961

Deuteranomaly
557669

Tritanomaly
1D807C

Monochromacy



Original Color
098366

Achromatopsia
5B5B5B

Achromatomaly
3D6A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 098366 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 #098366 looks like.

```
.text, #text, p{  
    color:#098366  
}
```

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 #098366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #098366
}
```

Border

The CSS property to change the border of an element to Hex 098366 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
#098366 }
```

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

```
.border{ border-color:#098366 }
```

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

Here you see how a box with a 4 pixel #098366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #098366; -webkit-box-shadow:4px 4px  
4px 4px #098366; box-shadow:4px 4px 4px  
4px #098366 }
```

Background

The CSS property to change the background color of an element to Hex 098366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#098366 }
```

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

```
.background{ background-color:#098366 }
```

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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