

Converting Colors

Hex(96E288)

Have a look what the booklet for
Hex(96E288) contains.

Hex(96E288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96E288)

Conversions

Conversions Part 1

Format	Color
Hex	96E288
RGB	150, 226, 136
RGB Percent	59%, 89%, 53%
CMY	0.4118, 0.1137, 0.4667
CMYK	0.34, 0.00, 0.40, 0.11
HSL	111°, 61%, 71%
HSV	111°, 40%, 89%
XYZ	44.2180, 62.6543, 33.0555
YIQ	193.0160, -16.4060, -44.1020

Conversions

Conversions Part 2

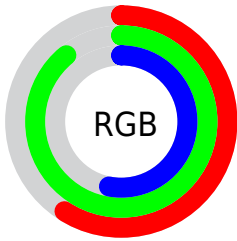
Format	Color
RYB	136, 226, 212
Decimal	9888392
CIELab	83.26, -40.42, 36.72
CIELCh	83, 54.608, 137.745
Yxy	62.6543, 0.3160, 0.4478
Android (android.graphics.Color)	4288078472 (0xFF96E288)
YUV	193.0160, -28.1089, -37.7250
Hunter-Lab	79.1545, -38.8051, 30.6482

Details

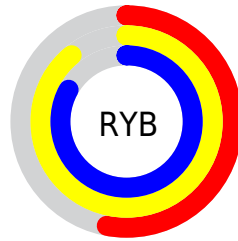
The Hex color **96E288** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D488E2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CFFFBE**, and **5FAA55** is the 20% darker color. If you saturate the color by 10%, you get **83E271**, and if you desaturate by 10%, it is **A9E29F**.

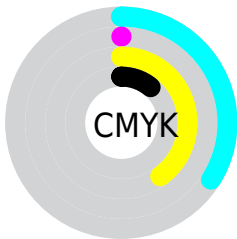
Distribution



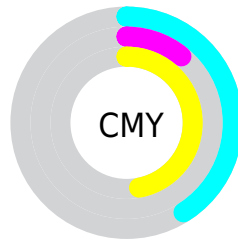
- Red (59%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E288 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 96E288 by changing the saturation by 10% instead.

 96E288

FFFFFF

 CFFFBE

 ECFFDA

 FFFFF7

 96E288

 7BC66E

 5FAA55

 448F3C

 287524

 005C09

 004400

 002D00

 001400

 000000

 96E288

 96E288

 83E271

 A9E29F

 70E25B

 BCE2B5

 5DE244

 CFE2CC

 4AE22E

 E2E2E2

 37E217

 F5E2F9

 23E200

 FFE2FF

Harmonies

Analogous

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



D1D66A



96E288



43E9B8

Triad

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



96E288



3DDBFF



FFA6B3

Complementary

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



96E288



D488E2

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.



FFA7E7



96E288



B2CAFF

Square

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



96E288



00E6FF



FAB6FF



FFB385

Rectangle

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



96E288



00EADC



FAB6FF



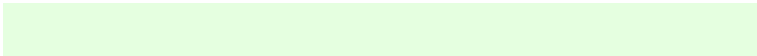
FFA5C4

Sweetspot

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



96E288



E5FFE0



E2D388



70806E



000000



808080

Same Dimension

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



96E288



98FF85



88E2A6



677065



1BB000



083000

Inverse Universe

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



D488E2



EC85FF



E288C4



6E6570



9500B0



290030

Previews

White Background



This preview shows how the Hex color 96E288 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 96E288 Background



This preview shows how black text looks on a background with the Hex color 96E288.

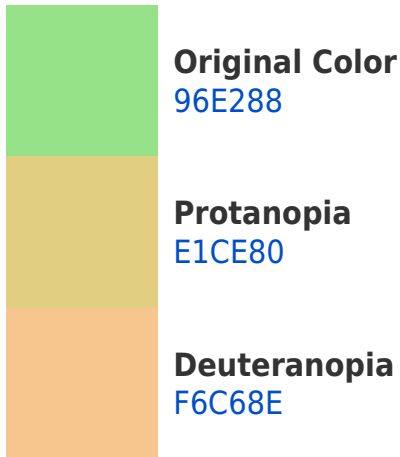


This preview shows how white text looks on a background with the Hex color 96E288.

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](#).

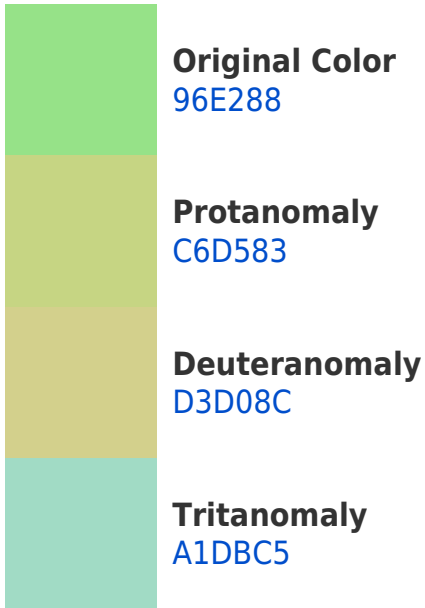
Dichromacy



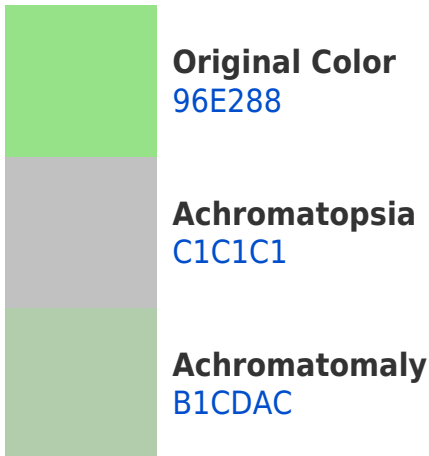


Tritanopia
A7D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96E288 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 #96E288 looks like.

```
.text, #text, p{  
    color:#96E288  
}
```

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 #96E288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E288  
}
```

Border

The CSS property to change the border of an element to Hex 96E288 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  
#96E288 }
```

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

```
.border{ border-color:#96E288 }
```

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

Here you see how a box with a 4 pixel #96E288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E288; -webkit-box-shadow:4px 4px  
4px 4px #96E288; box-shadow:4px 4px 4px  
4px #96E288 }
```

Background

The CSS property to change the background color of an element to Hex 96E288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E288 }
```

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

```
.background{ background-color:#96E288 }
```

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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