

Converting Colors

Hex(90E3AA)

Have a look what the booklet for
Hex(90E3AA) contains.

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Color

Hex(90E3AA)

Conversions

Conversions Part 1

Format	Color
Hex	90E3AA
RGB	144, 227, 170
RGB Percent	56%, 89%, 67%
CMY	0.4353, 0.1098, 0.3333
CMYK	0.37, 0.00, 0.25, 0.11
HSL	139°, 60%, 73%
HSV	139°, 37%, 89%
XYZ	46.2264, 63.7697, 47.9026
YIQ	195.6850, -31.1710, -35.3230

Conversions

Conversions Part 2

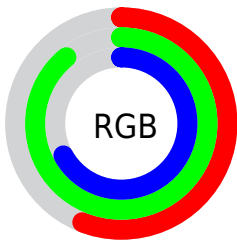
Format	Color
RYB	144, 207, 227
Decimal	9495466
CIELab	83.85, -37.16, 20.04
CIElCh	84, 42.220, 151.669
Yxy	63.7697, 0.2928, 0.4039
Android (android.graphics.Color)	4287685546 (0xFF90E3AA)
YUV	195.6850, -12.6627, -45.3277
Hunter-Lab	79.8560, -36.4193, 20.3333

Details

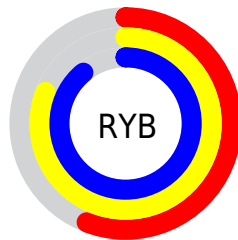
The Hex color **90E3AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E390C9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C8FFE1**, and **5AAB76** is the 20% darker color. If you saturate the color by 10%, you get **79E39A**, and if you desaturate by 10%, it is **A7E3BA**.

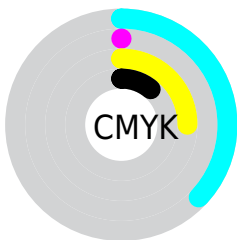
Distribution



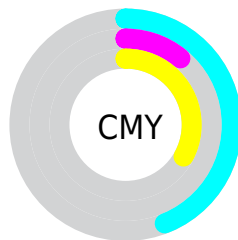
- Red (56%)
- Green (89%)
- Blue (67%)



- Red (56%)
- Yellow (81%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E3AA 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 90E3AA by changing the saturation by 10% instead.

 90E3AA

 90E3AA

FFFFFF

 75C78F

 C8FFE1

 5AAB76

 E5FFFE

 3E905D

 217645

 005D2E

 004518

 002D00

 001600

 000000

 90E3AA

 90E3AA

 79E39A

 A7E3BA

 63E38B

 BDE3C9

 4CE37B

 D4E3D9

 35E36C

 EBE3E8

 1EE35C

 FFE3F8

 08E34C

 FFE3FF

 00E347

Harmonies

Analogous

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



C0DB8C



90E3AA



5CE6D2

Triad

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



90E3AA



9CD4FF



FFB6A9

Complementary

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



90E3AA



E390C9

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.



FFB2D0



90E3AA



D9C6FF

Square

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



90E3AA



59DFFF



FFB9F7



FFC28C

Rectangle

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



90E3AA



3CE6ED



FFB9F7



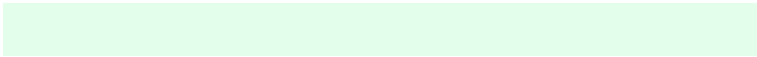
FFB4B6

Sweetspot

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



90E3AA



E3FFEC



CAE390



6F8074



000000



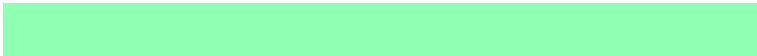
808080

Same Dimension

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



90E3AA



8FFFB2



90E3D2



67736B



00B338



003310

Inverse Universe

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



E390C9



FF8FDC



E390A1



73676F



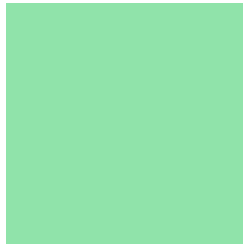
B3007B



330023

Previews

White Background



This preview shows how the Hex color 90E3AA 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



This preview shows how the Hex color 90E3AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

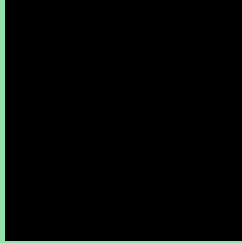
Any Text WCAG AA ✓ Pass

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 90E3AA Background



This preview shows how black text looks on a background with the Hex color 90E3AA.

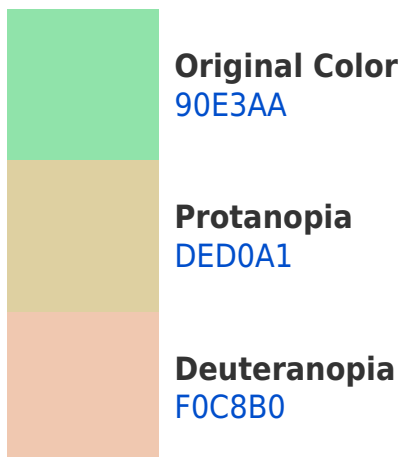


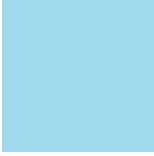
This preview shows how white text looks on a background with the Hex color 90E3AA.

Color Blindness Simulation

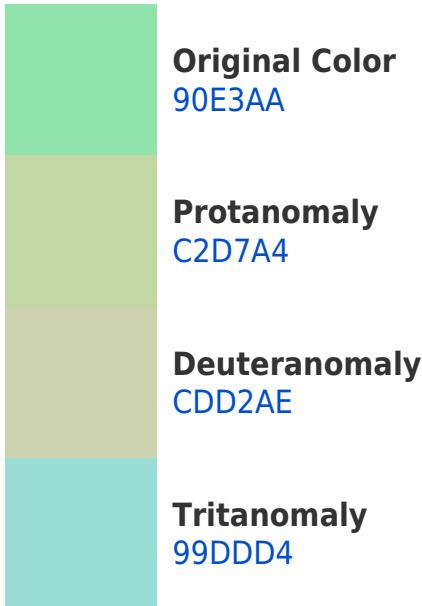
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

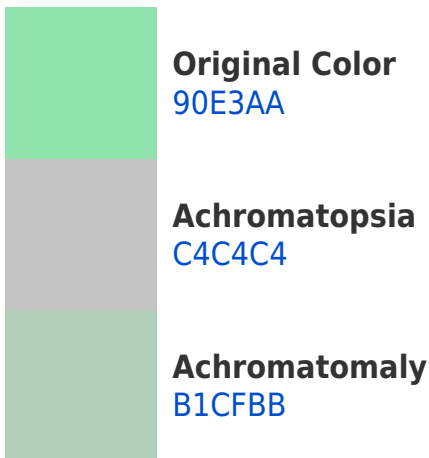




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90E3AA 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 #90E3AA looks like.

```
.text, #text, p{  
    color:#90E3AA  
}
```

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 #90E3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E3AA
}
```

Border

The CSS property to change the border of an element to Hex 90E3AA 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
#90E3AA }
```

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

```
.border{ border-color:#90E3AA }
```

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

Here you see how a box with a 4 pixel #90E3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E3AA; -webkit-box-shadow:4px 4px  
4px 4px #90E3AA; box-shadow:4px 4px 4px  
4px #90E3AA }
```

Background

The CSS property to change the background color of an element to Hex 90E3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E3AA }
```

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

```
.background{ background-color:#90E3AA }
```

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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