

Converting Colors

Hex(90E2D7)

Have a look what the booklet for
Hex(90E2D7) contains.

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Color

Hex(90E2D7)

Conversions

Conversions Part 1

Format	Color
Hex	90E2D7
RGB	144, 226, 215
RGB Percent	56%, 89%, 84%
CMY	0.4353, 0.1137, 0.1569
CMYK	0.36, 0.00, 0.05, 0.11
HSL	172°, 59%, 73%
HSV	172°, 36%, 89%
XYZ	50.9637, 65.2283, 74.1942
YIQ	200.2280, -45.3410, -20.8050

Conversions

Conversions Part 2

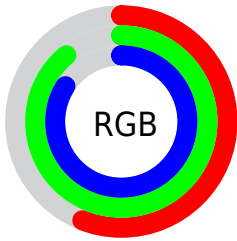
Format	Color
RYB	144, 188, 226
Decimal	9495255
CIELab	84.60, -27.42, -2.54
CIELCh	85, 27.540, 185.301
Yxy	65.2283, 0.2677, 0.3426
Android (android.graphics.Color)	4287685335 (0xFF90E2D7)
YUV	200.2280, 7.2826, -49.3120
Hunter-Lab	80.7640, -28.7001, 2.0678

Details

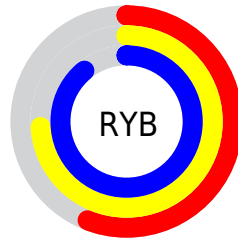
The Hex color **90E2D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E2909B**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C9FFFF**, and **59AAA0** is the 20% darker color. If you saturate the color by 10%, you get **79E2D4**, and if you desaturate by 10%, it is **A7E2DA**.

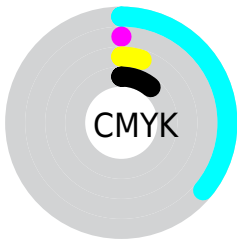
Distribution



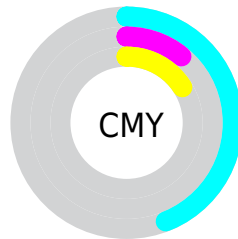
- Red (56%)
- Green (89%)
- Blue (84%)



- Red (56%)
- Yellow (74%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E2D7 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 90E2D7 by changing the saturation by 10% instead.

 90E2D7

 90E2D7

FFFFFF

 74C6BB

 C9FFFF

 59AAA0

 E6FFFF

 3D9086

 1D766D

 005D55

 00453E

 002E28

 001913

 000000

 90E2D7

 90E2D7

 79E2D4

 A7E2DA

 63E2D1

 BDE2DD

 4CE2CE


 D4E2E0

 36E2CB

 EAE2E3

 1FE2C8

 FFE2E6

 08E2C5

 FFE2E9

 00E2C4

 FFE2EC

 FFE2EF

 FFE2F2

Harmonies

Analogous

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



A8E0BD



90E2D7



89E1F0

Triad

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



90E2D7



DDCBFE



F9CAA5

Complementary

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



90E2D7



E2909B

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.



FFC3B6



90E2D7



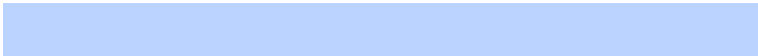
F9C3E9

Square

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



90E2D7



BAD4FF



FFC0CF



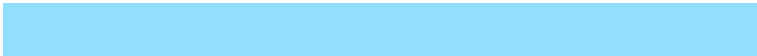
E2D39F

Rectangle

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



90E2D7



91DEFD



FFC0CF



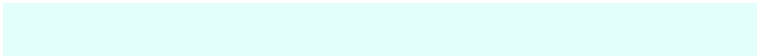
FFC8A9

Sweetspot

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



90E2D7



E3FFFB



9CE290



6F807D



000000



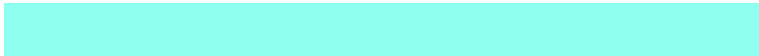
808080

Same Dimension

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



90E2D7



8FFFF0



90C5E2



65706F



00B098



00302A

Inverse Universe

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



E2909B



FF8F9E



E2AD90



706566



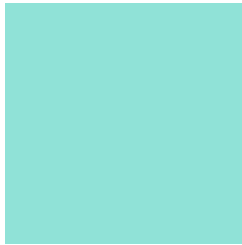
B00018



300006

Previews

White Background



This preview shows how the Hex color 90E2D7 looks on a white background.

Color Contrast Check

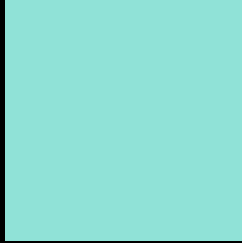
Large Text (above 18pt) WCAG AA × Fail

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 90E2D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

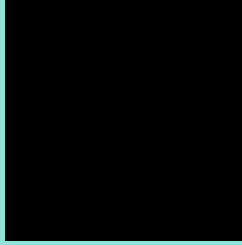
Any Text WCAG AA ✓ Pass

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 90E2D7 Background



This preview shows how black text looks on a background with the Hex color 90E2D7.

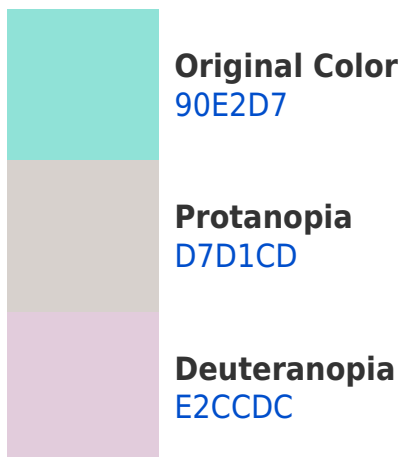


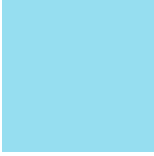
This preview shows how white text looks on a background with the Hex color 90E2D7.

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
96DEF0

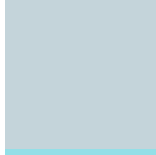
Trichromacy



Original Color
90E2D7



Protanomaly
BDD7D1



Deuteranomaly
C4D4DA

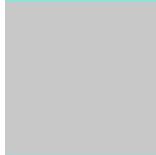


Tritanomaly
94DFE7

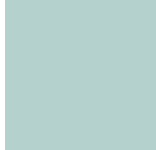
Monochromacy



Original Color
90E2D7



Achromatopsia
C8C8C8



Achromatomaly
B4D1CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 90E2D7 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 #90E2D7 looks like.

```
.text, #text, p{  
    color:#90E2D7  
}
```

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 #90E2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E2D7
}
```

Border

The CSS property to change the border of an element to Hex 90E2D7 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
#90E2D7 }
```

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

```
.border{ border-color:#90E2D7 }
```

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

Here you see how a box with a 4 pixel #90E2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E2D7; -webkit-box-shadow:4px 4px  
4px 4px #90E2D7; box-shadow:4px 4px 4px  
4px #90E2D7 }
```

Background

The CSS property to change the background color of an element to Hex 90E2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E2D7 }
```

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

```
.background{ background-color:#90E2D7 }
```

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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