

# Converting Colors

Hex(90E0D6)

Have a look what the booklet for  
Hex(90E0D6) contains.

|  |    |
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**Color**

**Hex(90E0D6)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 90E0D6                       |
| RGB         | 144, 224, 214                |
| RGB Percent | 56%, 88%, 84%                |
| CMY         | 0.4353, 0.1216, 0.1608       |
| CMYK        | 0.36, 0.00, 0.04, 0.12       |
| HSL         | 172°, 56%, 72%               |
| HSV         | 172°, 36%, 88%               |
| XYZ         | 50.2949, 64.0956, 73.3392    |
| YIQ         | 198.9400, -44.4700, -20.0700 |

# Conversions

## Conversions Part 2

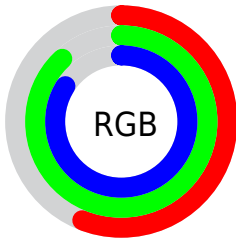
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 144, 187, 224                 |
| Decimal                             | 9494742                       |
| CIELab                              | 84.02, -26.68, -2.88          |
| CIELCh                              | 84, 26.837, 186.151           |
| Yxy                                 | 64.0956, 0.2679,<br>0.3414    |
| Android<br>(android.graphics.Color) | 4287684822<br>(0xFF90E0D6)    |
| YUV                                 | 198.9400, 7.4246,<br>-48.1824 |
| Hunter-Lab                          | 80.0598, -27.9679,<br>1.7289  |

# Details

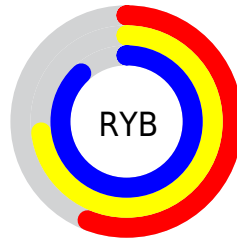
The Hex color **90E0D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E0909A**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C9FFFF**, and **59A89F** is the 20% darker color. If you saturate the color by 10%, you get **7AE0D3**, and if you desaturate by 10%, it is **A6E0D9**.

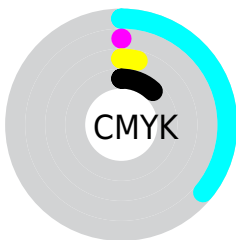
# Distribution



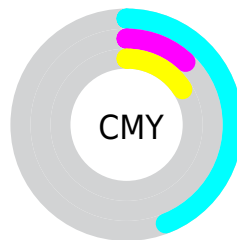
- Red (56%)
- Green (88%)
- Blue (84%)



- Red (56%)
- Yellow (73%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90E0D6 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 90E0D6 by changing the saturation by 10% instead.



 90E0D6

 90E0D6

FFFFFF

 74C4BA

 C9FFFF

 59A89F

 E6FFFF

 3D8E85

 1E746C

 005B54

 00433D

 002C27

 001713

 000000

 90E0D6

 90E0D6

 7AE0D3

 A6E0D9

 63E0D0

 BDE0DC

 4DE0CE

 D3E0DE

 36E0CB

 EAE0E1

 20E0C8

 FFE0E4

 0AE0C5

 FFE0E7

 00E0C4

 FFE0EA

 FFE0EC

 FFE0EF

# Harmonies

## Analogous

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



A7DEBC



90E0D6



8ADFEF

# Triad

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



90E0D6



DCC9FA



F6C9A4

# Complementary

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



90E0D6



E0909A

# 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.



F7C2E6



90E0D6



F7C2E6

# Square

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



90E0D6



BAD2FF



FFBFCD



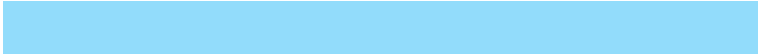
DFD29F

# Rectangle

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



90E0D6



92DCFB



FFBFCD



FCC6A8



# Sweetspot

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



90E0D6



E3FFFB



9BE090



6F807D



000000



808080

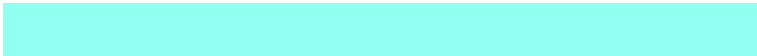


# Same Dimension

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



90E0D6



91FFF1



90C3E0



65706F



00B09A



00302A



# Inverse Universe

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



E0909A



FF919F



E0AD90



706566



B00016



300006



# Previews

## White Background



This preview shows how the Hex color 90E0D6 looks on a white background.

## Color Contrast Check

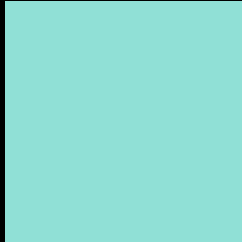
Large Text (above 18pt) WCAG AA × Fail

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 90E0D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

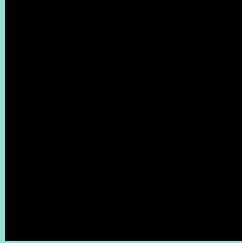
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

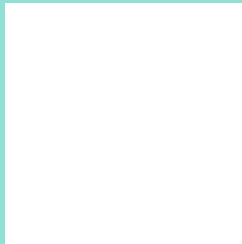
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90E0D6 Background



This preview shows how black text looks on a background with the Hex color 90E0D6.

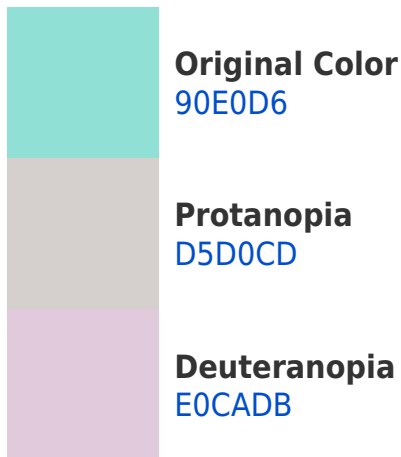


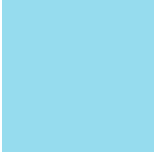
This preview shows how white text looks on a background with the Hex color 90E0D6.

# 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**  
96DCEE

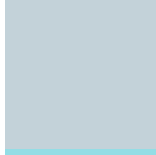
# Trichromacy



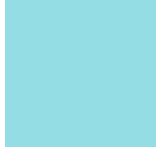
**Original Color**  
90E0D6



**Protanomaly**  
BCD6D0



**Deuteranomaly**  
C3D2D9

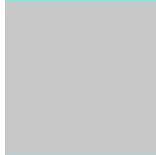


**Tritanomaly**  
94DDE5

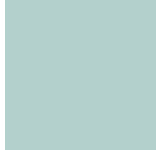
# Monochromacy



**Original Color**  
90E0D6



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
B3D0CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90E0D6 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 #90E0D6 looks like.

```
.text, #text, p{  
    color:#90E0D6  
}
```

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 #90E0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E0D6  
}
```

## Border

The CSS property to change the border of an element to Hex 90E0D6 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  
#90E0D6 }
```

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

```
.border{ border-color:#90E0D6 }
```

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

Here you see how a box with a 4 pixel #90E0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E0D6; -webkit-box-shadow:4px 4px  
4px 4px #90E0D6; box-shadow:4px 4px 4px  
4px #90E0D6 }
```

# Background

The CSS property to change the background color of an element to Hex 90E0D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E0D6 }
```

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

```
.background{ background-color:#90E0D6 }
```

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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