

Converting Colors

Hex(90D7E0)

Have a look what the booklet for
Hex(90D7E0) contains.

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Color

Hex(90D7E0)

Conversions

Conversions Part 1

Format	Color
Hex	90D7E0
RGB	144, 215, 224
RGB Percent	56%, 84%, 88%
CMY	0.4353, 0.1569, 0.1216
CMYK	0.36, 0.04, 0.00, 0.12
HSL	187°, 56%, 72%
HSV	187°, 36%, 88%
XYZ	49.2566, 59.9120, 79.4891
YIQ	194.7970, -45.2050, -12.2530

Conversions

Conversions Part 2

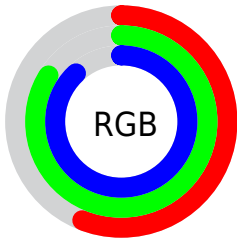
Format	Color
RYB	144, 182, 224
Decimal	9492448
CIELab	81.79, -19.89, -11.48
CIELCh	82, 22.969, 209.992
Yxy	59.9120, 0.2611, 0.3176
Android (android.graphics.Color)	4287682528 (0xFF90D7E0)
YUV	194.7970, 14.3971, -44.5490
Hunter-Lab	77.4028, -21.8635, -6.7061

Details

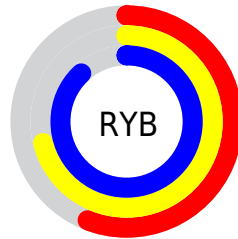
The Hex color **90D7E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09990**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C8FFFF**, and **59A0A9** is the 20% darker color. If you saturate the color by 10%, you get **7AD4E0**, and if you desaturate by 10%, it is **A6DAE0**.

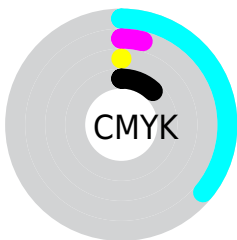
Distribution



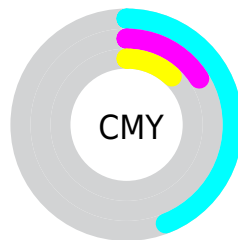
- Red (56%)
- Green (84%)
- Blue (88%)



- Red (56%)
- Yellow (71%)
- Blue (88%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 90D7E0 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 90D7E0 by changing the saturation by 10% instead.

 90D7E0

 90D7E0

FFFFFF

 74BBC4

 C8FFFF

 59A0A9

 E5FFFF

 3D868E

 1F6C75

 00545C

 003C45

 00262E

 000D1A

 000000

90D7E0

90D7E0

7AD4E0

A6DAE0

63D2E0

BDDCE0

4DCFE0

D3DFE0

36CDE0

EAE1E0

20CAE0

FFE4E0

0AC8E0

FFE6E0

00C7E0

FFE9E0

FFEBE0

FFEEE0

Harmonies

Analogous

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



98D8CB



90D7E0



9AD3F0

Triad

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



90D7E0



E7BFE1



DCCAA0

Complementary

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



90D7E0



E09990

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.



EEC3A7



90D7E0



F6BCCC

Square

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



90D7E0



CFC6F1



F8BEB7



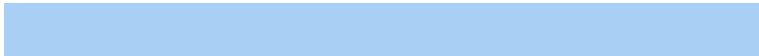
C4D1A6

Rectangle

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



90D7E0



A9CFF5



F8BEB7



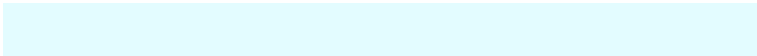
E3C7A1

Sweetspot

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



90D7E0



E3FCFF



90E098



6F7E80



000000



808080

Same Dimension

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



90D7E0



91F3FF



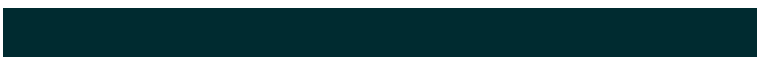
90B0E0



656F70



009CB0



002B30

Inverse Universe

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



E090D7



FF91F3



E0C090



70656F



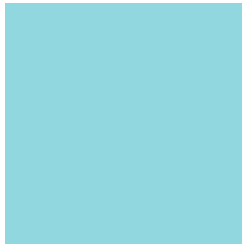
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 90D7E0 looks on a white background.

Color Contrast Check

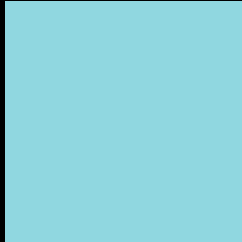
Large Text (above 18pt) WCAG AA × Fail

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 90D7E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

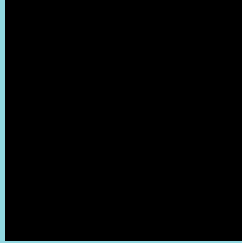
Any Text WCAG AA ✓ Pass

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 90D7E0 Background



This preview shows how black text looks on a background with the Hex color 90D7E0.

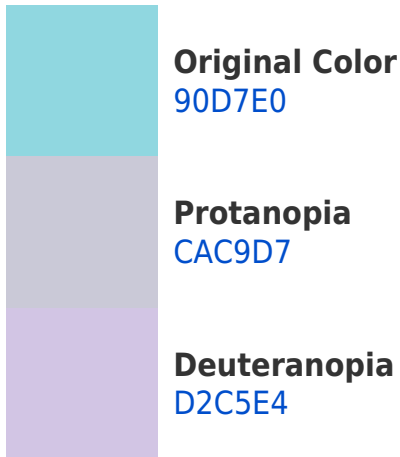


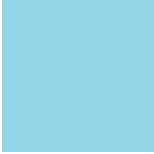
This preview shows how white text looks on a background with the Hex color 90D7E0.

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](#).

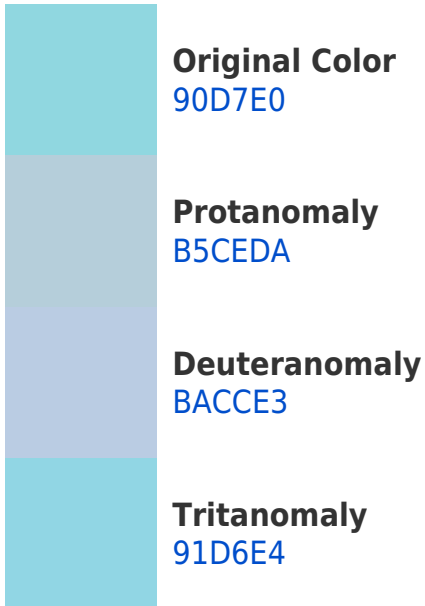
Dichromacy



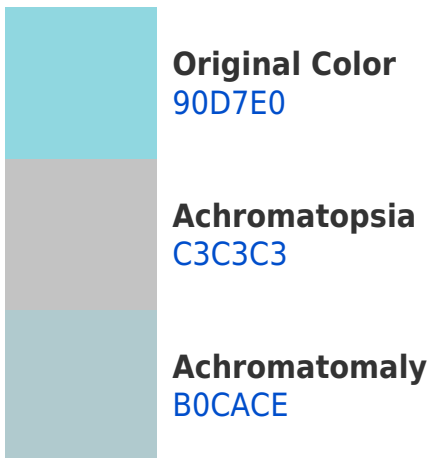


Tritanopia
92D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90D7E0 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 #90D7E0 looks like.

```
.text, #text, p{  
    color:#90D7E0  
}
```

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 #90D7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D7E0
}
```

Border

The CSS property to change the border of an element to Hex 90D7E0 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
#90D7E0 }
```

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

```
.border{ border-color:#90D7E0 }
```

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

Here you see how a box with a 4 pixel #90D7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D7E0; -webkit-box-shadow:4px 4px  
4px 4px #90D7E0; box-shadow:4px 4px 4px  
4px #90D7E0 }
```

Background

The CSS property to change the background color of an element to Hex 90D7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D7E0 }
```

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

```
.background{ background-color:#90D7E0 }
```

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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