

# Converting Colors

Hex(94D1E1)

Have a look what the booklet for  
Hex(94D1E1) contains.

|  |    |
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# **Color**

**Hex(94D1E1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 94D1E1                      |
| RGB           | 148, 209, 225               |
| RGB Percent   | 58%, 82%, 88%               |
| CMY           | 0.4196, 0.1804, 0.1176      |
| CMYK          | 0.34, 0.07, 0.00, 0.12      |
| HSL           | 192°, 56%, 73%              |
| HSV           | 192°, 34%, 88%              |
| XYZ           | 48.6038, 57.3331, 79.7389   |
| YIQ           | 192.5850, -41.4920, -7.9560 |

# Conversions

## Conversions Part 2

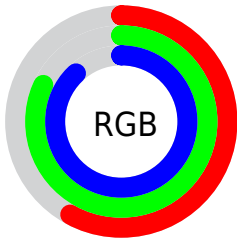
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">148, 182, 225</a>                   |
| Decimal                             | <a href="#">9753057</a>                         |
| CIELab                              | <a href="#">80.37, -15.54, -14.12</a>           |
| CIElCh                              | <a href="#">80, 20.999, 222.272</a>             |
| Yxy                                 | <a href="#">57.3331, 0.2618,<br/>0.3088</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4287943137<br/>(0xFF94D1E1)</a>     |
| YUV                                 | <a href="#">192.5850, 15.9806,<br/>-39.1010</a> |
| Hunter-Lab                          | <a href="#">75.7186, -17.9283,<br/>-9.4350</a>  |

# Details

The Hex color **94D1E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1A494**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CCFFFF**, and **5E9AAA** is the 20% darker color. If you saturate the color by 10%, you get **7ECCE1**, and if you desaturate by 10%, it is **ABD6E1**.

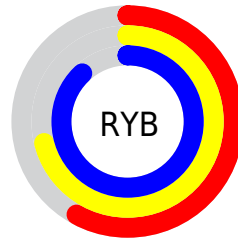
# Distribution



Red (58%)

Green (82%)

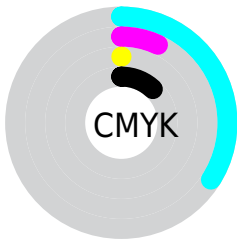
Blue (88%)



Red (58%)

Yellow (71%)

Blue (88%)

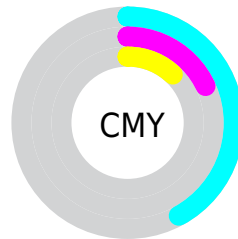


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (18%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D1E1 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 94D1E1 by changing the saturation by 10% instead.



■ 94D1E1

FFFFFF

■ CCFFFF

■ E9FFFF

■ 94D1E1

■ 79B5C5

■ 5E9AAA

■ 43808F

■ 276776

■ 004F5D

■ 003845

■ 00222F

■ 00041B

■ 000000

■ 94D1E1

■ 94D1E1

■ 7ECCE1

■ ABD6E1

■ 67C8E1

■ C1DAE1

■ 51C3E1

■ D8DFE1

■ 3ABEE1

■ EEE4E1

■ 24BAE1

■ FFE8E1

■ 0DB5E1

■ FFEDE1

■ 00B2E1

■ FFF2E1

■ FFF6E1

■ FFFBE1

# Harmonies

## Analogous

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



95D3CF



94D1E1



A3CDEC

# Triad

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



94D1E1



E8BBD4



CEC9A1

# Complementary

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



94D1E1



E1A494

# 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.



E1C2A3



94D1E1



F0BAC0

# Square

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



94D1E1



D5C0E4



EEBCAE



B8CEAA

# Rectangle

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



94D1E1



B3C9EE



EEBCAE



D5C7A0

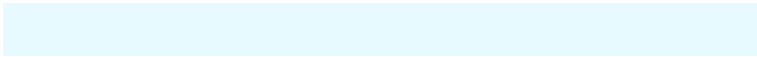


# Sweetspot

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



94D1E1



E6FAFF



94E1A3



707C80



000000



808080

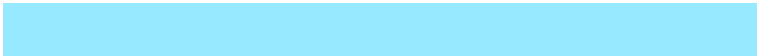


# Same Dimension

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



94D1E1



96E9FF



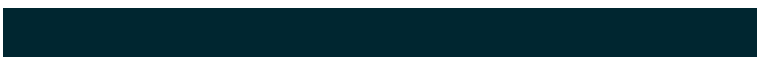
94ABE1



656E70



008BB0



002630



# Inverse Universe

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



E194D1



FF96E9



E1CA94



70656E



B0008B

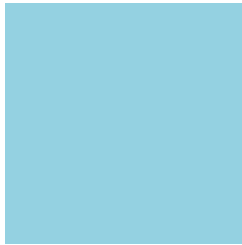


300026



# Previews

## White Background



This preview shows how the Hex color 94D1E1 looks on a white background.

## Color Contrast Check

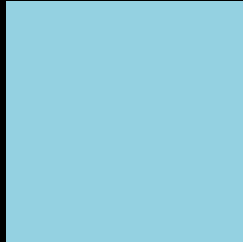
Large Text (above 18pt) WCAG AA × Fail

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 94D1E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

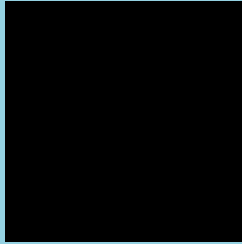
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94D1E1 Background



This preview shows how black text looks on a background with the Hex color 94D1E1.

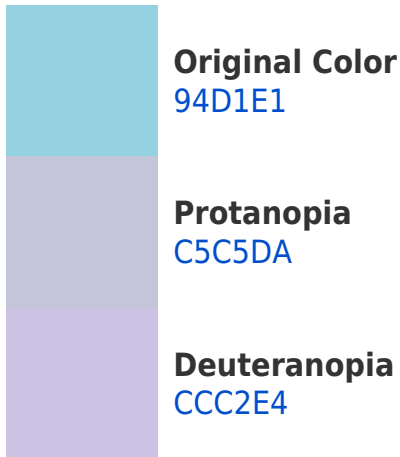


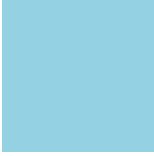
This preview shows how white text looks on a background with the Hex color 94D1E1.

# 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](#).

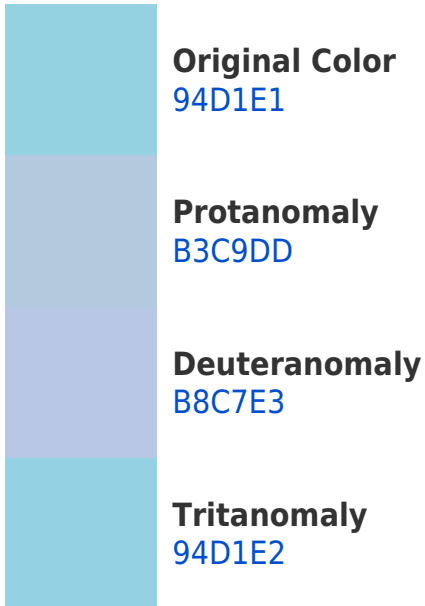
## Dichromacy



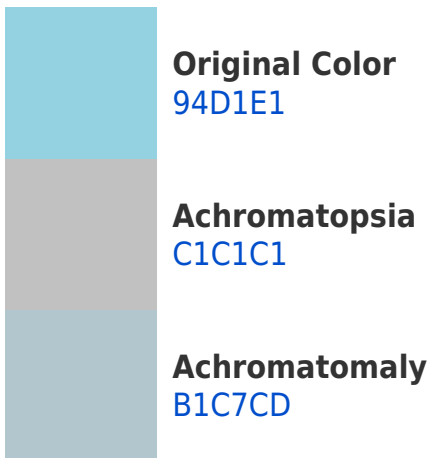


**Tritanopia**  
94D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D1E1 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 #94D1E1 looks like.

```
.text, #text, p{  
    color:#94D1E1  
}
```

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 #94D1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D1E1
}
```

## Border

The CSS property to change the border of an element to Hex 94D1E1 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
#94D1E1 }
```

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

```
.border{ border-color:#94D1E1 }
```

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

Here you see how a box with a 4 pixel #94D1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D1E1; -webkit-box-shadow:4px 4px  
4px 4px #94D1E1; box-shadow:4px 4px 4px  
4px #94D1E1 }
```

# Background

The CSS property to change the background color of an element to Hex 94D1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D1E1 }
```

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

```
.background{ background-color:#94D1E1 }
```

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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