

# Converting Colors

Hex(91D6C5)

Have a look what the booklet for  
Hex(91D6C5) contains.

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# **Color**

**Hex(91D6C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D6C5
RGB	145, 214, 197
RGB Percent	57%, 84%, 77%
CMY	0.4314, 0.1608, 0.2275
CMYK	0.32, 0.00, 0.08, 0.16
HSL	165°, 46%, 70%
HSV	165°, 32%, 84%
XYZ	45.8017, 58.1441, 61.6323
YIQ	191.4310, -35.6670, -19.9150

# Conversions

## Conversions Part 2

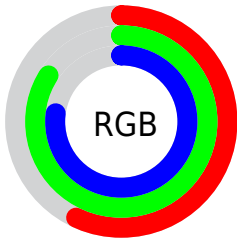
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 184, 214
Decimal	9557701
CIELab	80.82, -25.32, 1.49
CIELCh	81, 25.368, 176.640
Yxy	58.1441, 0.2766, 0.3512
Android (android.graphics.Color)	4287747781 (0xFF91D6C5)
YUV	191.4310, 2.7455, -40.7200
Hunter-Lab	76.2523, -26.2237, 5.4544

# Details

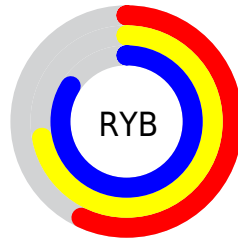
The Hex color **91D6C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D691A2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C9FFFE**, and **5B9F8F** is the 20% darker color. If you saturate the color by 10%, you get **7CD6C0**, and if you desaturate by 10%, it is **A6D6CA**.

# Distribution



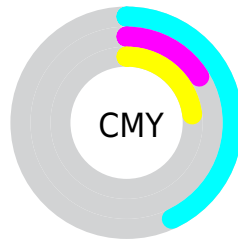
- Red (57%)
- Green (84%)
- Blue (77%)



- Red (57%)
- Yellow (72%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (43%)
- Magenta (16%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91D6C5 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 91D6C5 by changing the saturation by 10% instead.



 91D6C5

 91D6C5

FFFFFF

 76BAAA

 C9FFFE

 5B9F8F

 E5FFFF


 418576

 266B5D

 025346


 003B2F

 00251B

 000600

 000000

 91D6C5

 91D6C5

 7CD6C0

 A6D6CA

 66D6BA

 BCD6D0

 51D6B5


 D1D6D5

 3BD6B0

 E7D6DA

 26D6AB

 FCD6DF

 11D6A5

 FFD6E5

 00D6A1

 FFD6EA

 FFD6EF

 FFD6F4

# Harmonies

## Analogous

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



A9D3AE



91D6C5



85D6DD

# Triad

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



91D6C5



C9C3F3



F0BEA2

# Complementary

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



91D6C5



D691A2

# 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.



F9B9B4



91D6C5



E5BCE3

# Square

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



91D6C5



A9CCF7



F6B8CC



DDC69A

# Rectangle

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



91D6C5



89D4EA



F6B8CC



F4BCA7

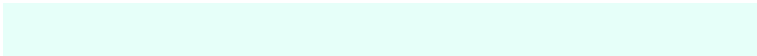


# Sweetspot

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



91D6C5



E6FFF9



A2D691



70807C



000000



808080

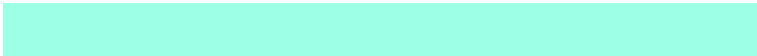


# Same Dimension

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



91D6C5



9CFFE6



91C5D6



606B68



00AB81



002B21



# Inverse Universe

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



D691A2



FF9CB4



D6A291



6B6063



AB002A

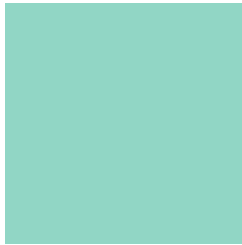


2B000B



# Previews

## White Background



This preview shows how the Hex color 91D6C5 looks on a white background.

## Color Contrast Check

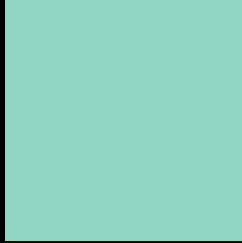
Large Text (above 18pt) WCAG AA × Fail

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 91D6C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

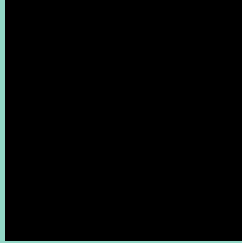
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

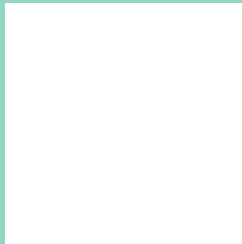
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91D6C5 Background



This preview shows how black text looks on a background with the Hex color 91D6C5.

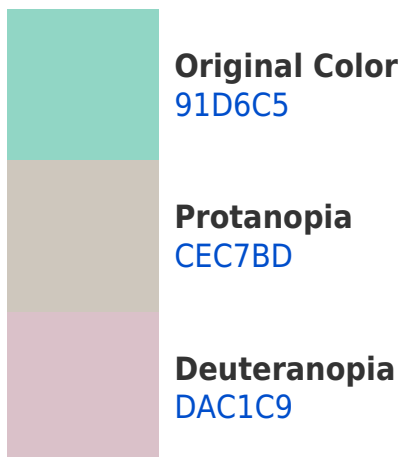


This preview shows how white text looks on a background with the Hex color 91D6C5.

# 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](#).

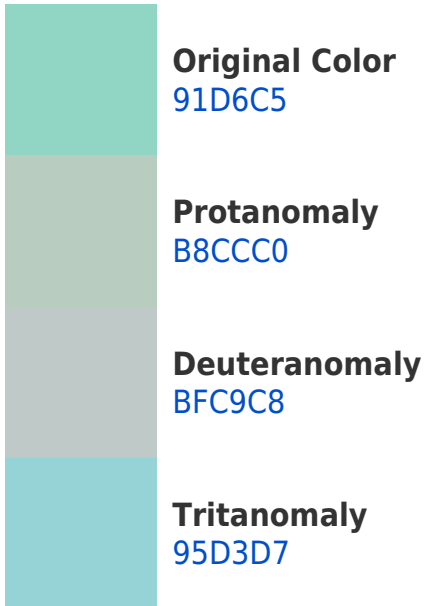
## Dichromacy



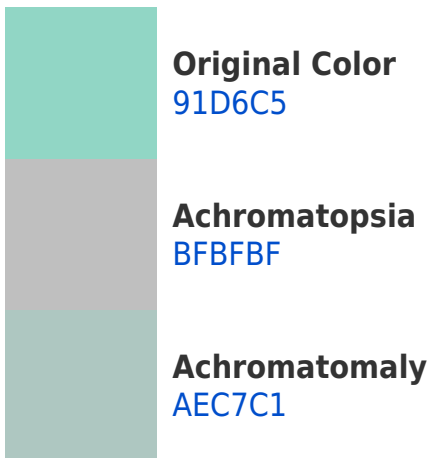


**Tritanopia**  
98D2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91D6C5 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 #91D6C5 looks like.

```
.text, #text, p{  
    color:#91D6C5  
}
```

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 #91D6C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D6C5
}
```

## Border

The CSS property to change the border of an element to Hex 91D6C5 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
#91D6C5 }
```

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

```
.border{ border-color:#91D6C5 }
```

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

Here you see how a box with a 4 pixel #91D6C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D6C5; -webkit-box-shadow:4px 4px  
4px 4px #91D6C5; box-shadow:4px 4px 4px  
4px #91D6C5 }
```

# Background

The CSS property to change the background color of an element to Hex 91D6C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D6C5 }
```

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

```
.background{ background-color:#91D6C5 }
```

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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