

Converting Colors

Hex(91D7B4)

Have a look what the booklet for
Hex(91D7B4) contains.

Hex(91D7B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(91D7B4)

Conversions

Conversions Part 1

Format	Color
Hex	91D7B4
RGB	145, 215, 180
RGB Percent	57%, 84%, 71%
CMY	0.4314, 0.1569, 0.2941
CMYK	0.33, 0.00, 0.16, 0.16
HSL	150°, 47%, 71%
HSV	150°, 33%, 84%
XYZ	44.2157, 57.9159, 52.0285
YIQ	190.0800, -30.4850, -25.7250

Conversions

Conversions Part 2

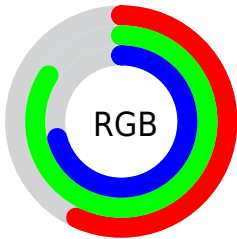
Format	Color
RYB	145, 192, 215
Decimal	9557940
CIELab	80.69, -29.36, 10.35
CIELCh	81, 31.127, 160.577
Yxy	57.9159, 0.2868, 0.3757
Android (android.graphics.Color)	4287748020 (0xFF91D7B4)
YUV	190.0800, -4.9694, -39.5352
Hunter-Lab	76.1025, -29.4705, 12.7374

Details

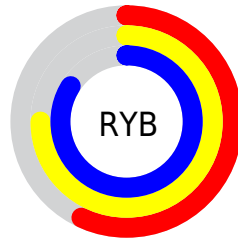
The Hex color **91D7B4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D791B4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C9FFEC**, and **5CA07F** is the 20% darker color. If you saturate the color by 10%, you get **7CD7A9**, and if you desaturate by 10%, it is **A7D7BF**.

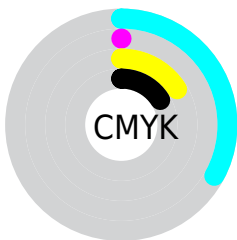
Distribution



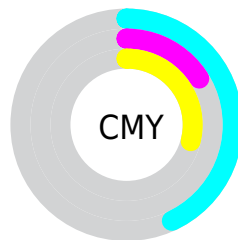
- Red (57%)
- Green (84%)
- Blue (71%)



- Red (57%)
- Yellow (75%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)



- Cyan (43%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D7B4 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 91D7B4 by changing the saturation by 10% instead.

 91D7B4

 91D7B4

FFFFFF

 76BB99

 C9FFEC

 5CA07F

 E5FFFF

 428566

 276C4E

 055337


 003C22

 00260C

 000500

 000000

 91D7B4

 91D7B4

 7CD7A9

 A7D7BF

 66D79F

 BCD7CA

 51D794

 D2D7D4

 3BD789

 E7D7DF

 25D77E

 FCD7EA

 10D774

 FFD7F5

 00D76C

 FFD7FF

Harmonies

Analogous

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



B2D29B



91D7B4



76D9D2

Triad

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



91D7B4



B2C7FF



FFB7A4

Complementary

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



91D7B4



D791B4

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.



FFB3BF



91D7B4



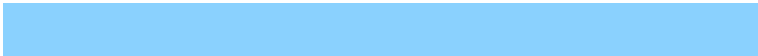
DABDF5

Square

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



91D7B4



8AD1FE



F6B5DC



EEC092

Rectangle

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



91D7B4



6FD8E5



F6B5DC



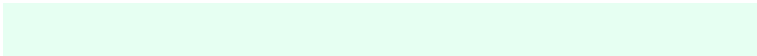
FFB5AC

Sweetspot

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



91D7B4



E6FFF2



B4D791



708078



000000



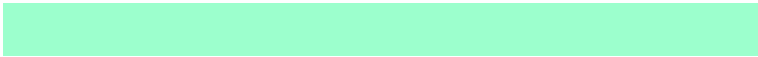
808080

Same Dimension

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



91D7B4



9CFFCD



91D7D7



606B66



00AB55



002B16

Inverse Universe

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



D791B4



FF9CCD



D79191



6B6066



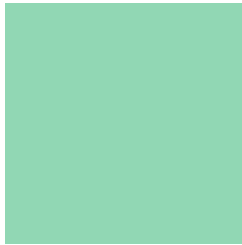
AB0055



2B0016

Previews

White Background



This preview shows how the Hex color 91D7B4 looks on a white background.

Color Contrast Check

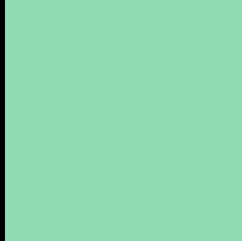
Large Text (above 18pt) WCAG AA × Fail

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 91D7B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

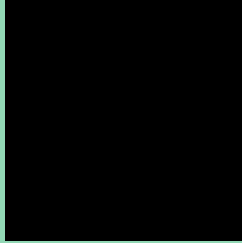
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

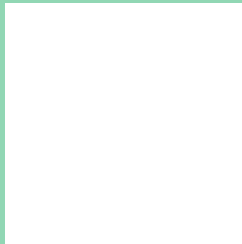
Any Text WCAG AAA ✓ Pass

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

Hex 91D7B4 Background



This preview shows how black text looks on a background with the Hex color 91D7B4.

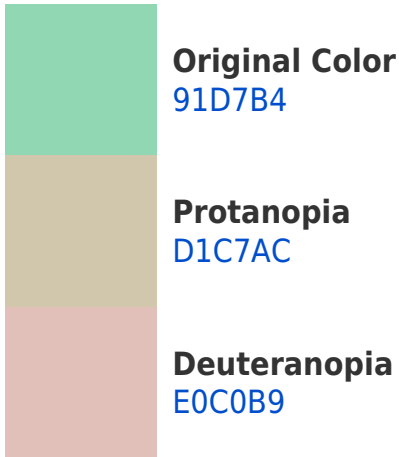


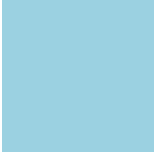
This preview shows how white text looks on a background with the Hex color 91D7B4.

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](#).

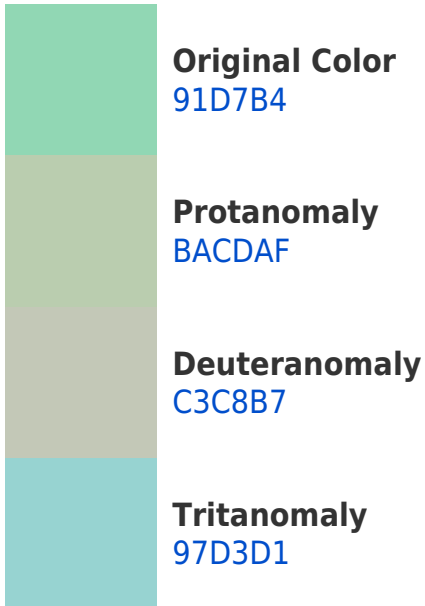
Dichromacy



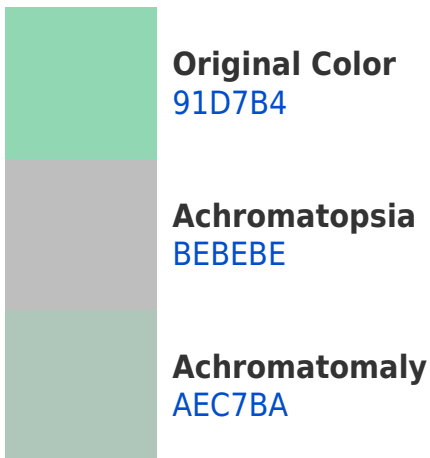


Tritanopia
9BD1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91D7B4 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 #91D7B4 looks like.

```
.text, #text, p{  
    color:#91D7B4  
}
```

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 #91D7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D7B4
}
```

Border

The CSS property to change the border of an element to Hex 91D7B4 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
#91D7B4 }
```

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

```
.border{ border-color:#91D7B4 }
```

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

Here you see how a box with a 4 pixel #91D7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D7B4; -webkit-box-shadow:4px 4px  
4px 4px #91D7B4; box-shadow:4px 4px 4px  
4px #91D7B4 }
```

Background

The CSS property to change the background color of an element to Hex 91D7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D7B4 }
```

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

```
.background{ background-color:#91D7B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor