

Converting Colors

Hex(90DB84)

Have a look what the booklet for
Hex(90DB84) contains.

Hex(90DB84)	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(90DB84)

Conversions

Conversions Part 1

Format	Color
Hex	90DB84
RGB	144, 219, 132
RGB Percent	56%, 86%, 52%
CMY	0.4353, 0.1412, 0.4824
CMYK	0.34, 0.00, 0.40, 0.14
HSL	112°, 55%, 69%
HSV	112°, 40%, 86%
XYZ	40.9980, 58.2583, 30.9139
YIQ	186.6570, -16.7730, -42.9570

Conversions

Conversions Part 2

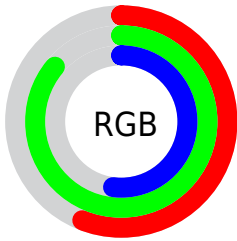
Format	Color
RYB	132, 219, 207
Decimal	9493380
CIELab	80.88, -39.81, 35.59
CIElCh	81, 53.398, 138.205
Yxy	58.2583, 0.3150, 0.4476
Android (android.graphics.Color)	4287683460 (0xFF90DB84)
YUV	186.6570, -26.9459, -37.4102
Hunter-Lab	76.3271, -37.6938, 29.4154

Details

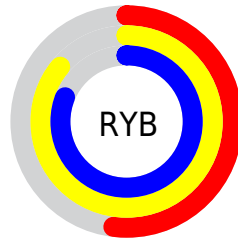
The Hex color **90DB84** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CF84DB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C8FFBA**, and **5AA351** is the 20% darker color. If you saturate the color by 10%, you get **7DDB6E**, and if you desaturate by 10%, it is **A3DB9A**.

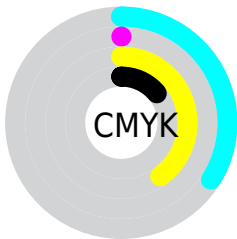
Distribution



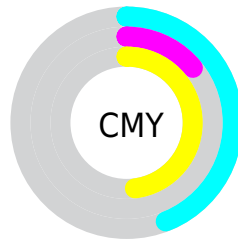
- Red (56%)
- Green (86%)
- Blue (52%)



- Red (52%)
- Yellow (86%)
- Blue (81%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (44%)
- Magenta (14%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90DB84 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 90DB84 by changing the saturation by 10% instead.

 90DB84

 90DB84

FFFFFF

 75BF6A

 C8FFBA

 5AA351

 E5FFD6

 3F8939

 FFFFF3

 226F20

 005605

 003E00

 002800

 000600

 000000

 90DB84

 90DB84

 7DDB6E

 A3DB9A

 6ADB58

 B6DBB0

 57DB42

 C9DBC6

 44DB2C

 DCDBDC

 32DB17

 EEDBF2

 1FDB01

 FFDBFF

 1EDB00

Harmonies

Analogous

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



C9CF67



90DB84



3EE1B3

Triad

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



90DB84



3DD4FF



FFA1AC

Complementary

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



90DB84



CF84DB

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.



FFA2DF



90DB84



AEC3FF

Square

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



90DB84



00DEFF



F3B0FF



FFAD80

Rectangle

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



90DB84



00E3D5



F3B0FF



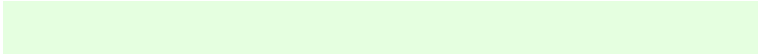
FF9FBD

Sweetspot

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



90DB84



E5FFE0



DBCE84



70806E



000000



808080

Same Dimension

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



90DB84



95FF85



84DBA2



646E63



18AD00



062E00

Inverse Universe

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



CF84DB



EE85FF



DB84BD



6C636E



9500AD



28002E

Previews

White Background



This preview shows how the Hex color 90DB84 looks on a white background.

Color Contrast Check

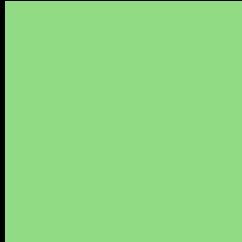
Large Text (above 18pt) WCAG AA × Fail

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 90DB84 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 90DB84 Background



This preview shows how black text looks on a background with the Hex color 90DB84.

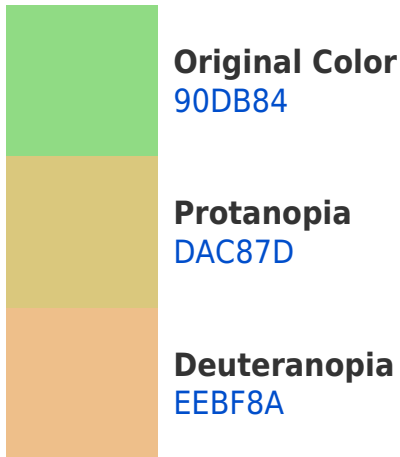


This preview shows how white text looks on a background with the Hex color 90DB84.

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
A1D0E1

Trichromacy



Original Color
90DB84



Protanomaly
BFCF80



Deuteranomaly
CCC988

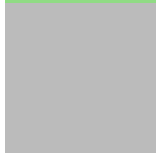


Tritanomaly
9BD4BF

Monochromacy



Original Color
90DB84



Achromatopsia
BBBBBB



Achromatomaly
ABC7A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 90DB84 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 #90DB84 looks like.

```
.text, #text, p{  
    color:#90DB84  
}
```

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 #90DB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DB84
}
```

Border

The CSS property to change the border of an element to Hex 90DB84 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
#90DB84 }
```

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

```
.border{ border-color:#90DB84 }
```

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

Here you see how a box with a 4 pixel #90DB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DB84; -webkit-box-shadow:4px 4px  
4px 4px #90DB84; box-shadow:4px 4px 4px  
4px #90DB84 }
```

Background

The CSS property to change the background color of an element to Hex 90DB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DB84 }
```

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

```
.background{ background-color:#90DB84 }
```

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