

Converting Colors

Hex(90DDB5)

Have a look what the booklet for
Hex(90DDB5) contains.

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Color

Hex(90DDB5)

Conversions

Conversions Part 1

Format	Color
Hex	90DDB5
RGB	144, 221, 181
RGB Percent	56%, 87%, 71%
CMY	0.4353, 0.1333, 0.2902
CMYK	0.35, 0.00, 0.18, 0.13
HSL	149°, 53%, 72%
HSV	149°, 35%, 87%
XYZ	45.6985, 60.9784, 53.0775
YIQ	193.4170, -33.0520, -28.7640

Conversions

Conversions Part 2

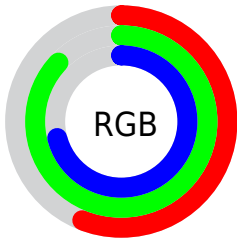
Format	Color
RYB	144, 196, 221
Decimal	9493941
CIELab	82.37, -32.29, 12.20
CIELCh	82, 34.518, 159.311
Yxy	60.9784, 0.2861, 0.3817
Android (android.graphics.Color)	4287684021 (0xFF90DDB5)
YUV	193.4170, -6.1216, -43.3387
Hunter-Lab	78.0887, -32.1945, 14.3622

Details

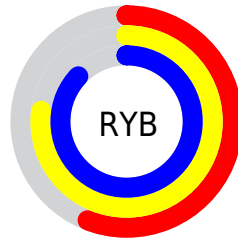
The Hex color **90DDB5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD90B8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C8FFED**, and **5AA680** is the 20% darker color. If you saturate the color by 10%, you get **7ADDAA**, and if you desaturate by 10%, it is **A6DDC0**.

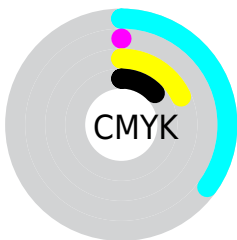
Distribution



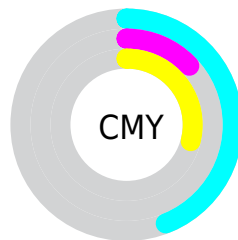
- Red (56%)
- Green (87%)
- Blue (71%)



- Red (56%)
- Yellow (77%)
- Blue (87%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90DDB5 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 90DDB5 by changing the saturation by 10% instead.

 90DDB5

 90DDB5

FFFFFF

 75C19A

 C8FFED

 5AA680

 E5FFFF

 3F8B67

 23714F

 005838

 004022

 002A0D

 000F00

 000000

 90DDB5

 90DDB5

 7ADDAA

 A6DDC0

 64DD9E

 BCDDCC

 4EDD93

 D2DDD7

 38DD87

 E8DDE3

 21DD7C

 FFDDEE

 0BDD70

 FFDDFA

 00DD6A

 FFDDFF

Harmonies

Analogous

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



B6D79A



90DDB5



6FDFD6

Triad

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



90DDB5



B2CDFF



FFB9A5

Complementary

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



90DDB5



DD90B8

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.



FFB5C4



90DDB5



DEC1FF

Square

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



90DDB5



82D6FF



FFB8E5



F7C391

Rectangle

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



90DDB5



64DEEB



FFB8E5



FFB7AF

Sweetspot

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



90DDB5



E6FFF2



B9DD90



708078



000000



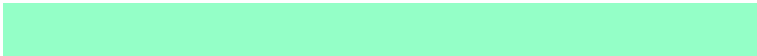
808080

Same Dimension

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



90DDB5



94FFC7



90DDDA



636E68



00AD53



002E16

Inverse Universe

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



DD90B8



FF94CC



DD9093



6E6368



AD005A



2E0018

Previews

White Background



This preview shows how the Hex color 90DDB5 looks on a white background.

Color Contrast Check

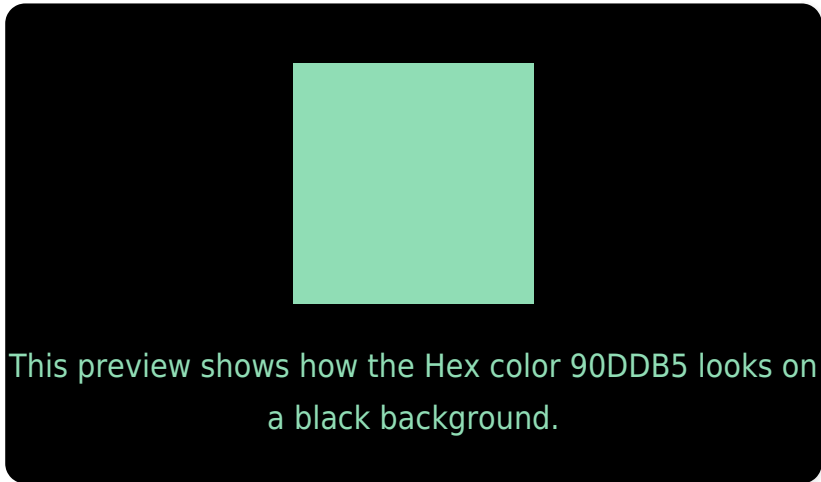
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

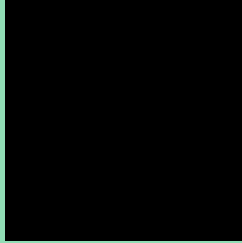
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

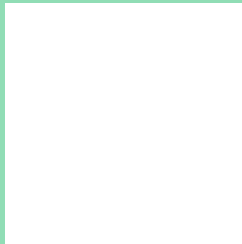
Any Text WCAG AAA ✓ Pass

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

Hex 90DDB5 Background



This preview shows how black text looks on a background with the Hex color 90DDB5.

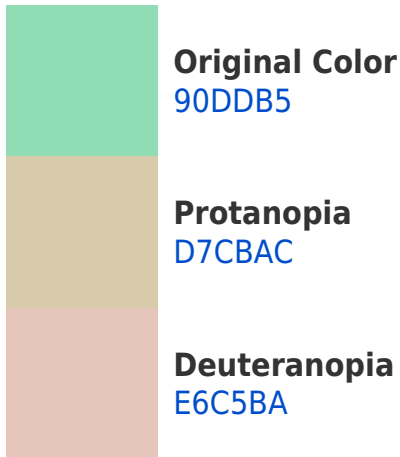


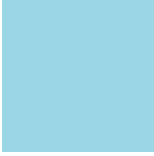
This preview shows how white text looks on a background with the Hex color 90DDB5.

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
9BD6E7

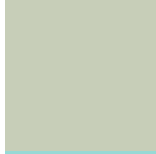
Trichromacy



Original Color
90DDB5



Protanomaly
BDD2AF



Deuteranomaly
C7CEB8

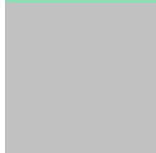


Tritanomaly
97D9D5

Monochromacy



Original Color
90DDB5



Achromatopsia
C1C1C1



Achromatomaly
AFCBBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 90DDB5 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 #90DDB5 looks like.

```
.text, #text, p{  
    color:#90DDB5  
}
```

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 #90DDB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DDB5
}
```

Border

The CSS property to change the border of an element to Hex 90DDB5 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
#90DDB5 }
```

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

```
.border{ border-color:#90DDB5 }
```

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

Here you see how a box with a 4 pixel #90DDB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DDB5; -webkit-box-shadow:4px 4px  
4px 4px #90DDB5; box-shadow:4px 4px 4px  
4px #90DDB5 }
```

Background

The CSS property to change the background color of an element to Hex 90DDB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DDB5 }
```

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

```
.background{ background-color:#90DDB5 }
```

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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