

Converting Colors

Hex(92D281)

Have a look what the booklet for
Hex(92D281) contains.

| | |
|--|----|
| Hex(92D281) | 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(92D281)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 92D281 |
| RGB | 146, 210, 129 |
| RGB Percent | 57%, 82%, 51% |
| CMY | 0.4275, 0.1765, 0.4941 |
| CMYK | 0.30, 0.00, 0.39, 0.18 |
| HSL | 107°, 47%, 66% |
| HSV | 107°, 39%, 82% |
| XYZ | 38.8631, 53.7892, 29.1029 |
| YIQ | 181.6300, -12.1430, -38.7590 |

Conversions

Conversions Part 2

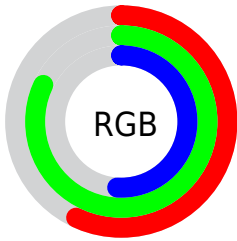
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 129, 210, 193 |
| Decimal | 9622145 |
| CIELab | 78.34, -35.52, 33.82 |
| CIElCh | 78, 49.048, 136.405 |
| Yxy | 53.7892, 0.3192, 0.4418 |
| Android (android.graphics.Color) | 4287812225 (0xFF92D281) |
| YUV | 181.6300, -25.9466, -31.2475 |
| Hunter-Lab | 73.3411, -33.7606, 27.8115 |

Details

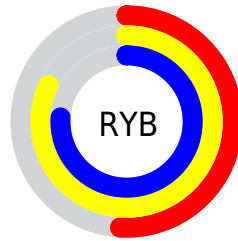
The Hex color **92D281** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C181D2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CAFFB7**, and **5D9B4E** is the 20% darker color. If you saturate the color by 10%, you get **81D26C**, and if you desaturate by 10%, it is **A3D296**.

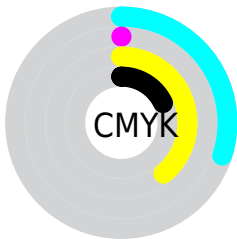
Distribution



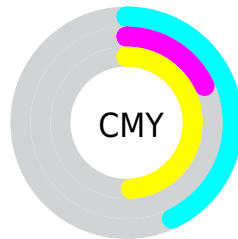
- Red (57%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (43%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 92D281 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 92D281 by changing the saturation by 10% instead.



92D281



92D281

FFFFFF



77B667



CAFFB7



5D9B4E



E7FFD3



428136



FFFFEF



27671E



064F04



003700



002400



000000



92D281



92D281

 81D26C

 A3D296

 71D257

 B3D2AB

 60D242

 C4D2C0

 50D22D

 D4D2D5

 3FD218

 E5D2EA

 2ED203

 F6D2FF

 2CD200

 FFD2FF

Harmonies

Analogous

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



C5C768



92D281



4FD8AB

Triad

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



92D281



46CCFF



FF9EAA

Complementary

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



92D281



C181D2

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.



FF9FD8



92D281



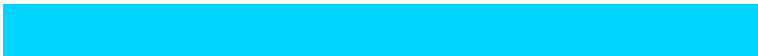
A6BEFF

Square

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



92D281



00D6FF



E6ACFF



FFA882

Rectangle

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



92D281



00DACA



E6ACFF



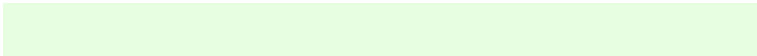
FF9DBA

Sweetspot

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



92D281



E7FFE0



D2C081



71806E



000000



808080

Same Dimension

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



92D281



A2FF8A



81D298



60695E



23A800



092900

Inverse Universe

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



C181D2



E68AFF



D281BB



665E69



8500A8



200029

Previews

White Background



This preview shows how the Hex color 92D281 looks on a white background.

Color Contrast Check

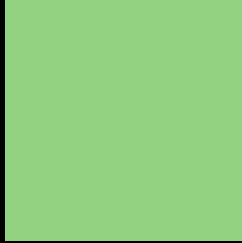
Large Text (above 18pt) WCAG AA × Fail

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 92D281 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 92D281 Background



This preview shows how black text looks on a background with the Hex color 92D281.

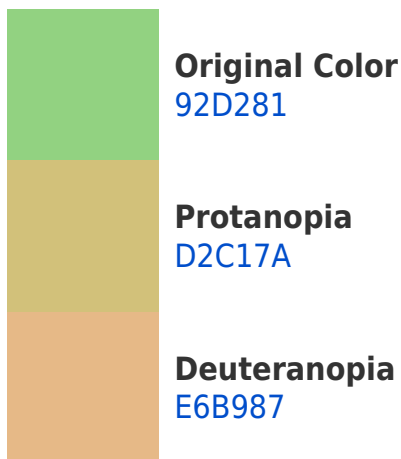


This preview shows how white text looks on a background with the Hex color 92D281.

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
A1C8D8

Trichromacy



Original Color
92D281



Protanomaly
BBC77D



Deuteranomaly
C7C285



Tritanomaly
9CCCB8

Monochromacy



Original Color
92D281



Achromatopsia
B6B6B6



Achromatomaly
A9C0A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 92D281 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 #92D281 looks like.

```
.text, #text, p{  
    color:#92D281  
}
```

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 #92D281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92D281
}
```

Border

The CSS property to change the border of an element to Hex 92D281 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
#92D281 }
```

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

```
.border{ border-color:#92D281 }
```

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

Here you see how a box with a 4 pixel #92D281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92D281; -webkit-box-shadow:4px 4px  
4px 4px #92D281; box-shadow:4px 4px 4px  
4px #92D281 }
```

Background

The CSS property to change the background color of an element to Hex 92D281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92D281 }
```

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

```
.background{ background-color:#92D281 }
```

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