

Converting Colors

Hex(9BE580)

Have a look what the booklet for
Hex(9BE580) contains.

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Color

Hex(9BE580)

Conversions

Conversions Part 1

Format	Color
Hex	9BE580
RGB	155, 229, 128
RGB Percent	61%, 90%, 50%
CMY	0.3922, 0.1020, 0.4980
CMYK	0.32, 0.00, 0.44, 0.10
HSL	104°, 66%, 70%
HSV	104°, 44%, 90%
XYZ	45.4332, 64.5657, 30.4899
YIQ	195.3600, -11.6830, -47.0990

Conversions

Conversions Part 2

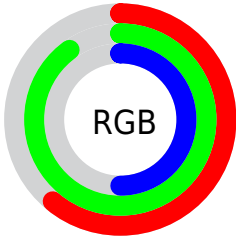
Format	Color
RYB	128, 229, 202
Decimal	10216832
CIELab	84.26, -41.21, 42.01
CIELCh	84, 58.850, 134.445
Yxy	64.5657, 0.3234, 0.4596
Android (android.graphics.Color)	4288406912 (0xFF9BE580)
YUV	195.3600, -33.2085, -35.3957
Hunter-Lab	80.3528, -39.6897, 33.7493

Details

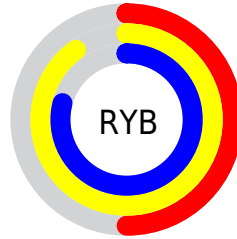
The Hex color **9BE580** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CA80E5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D4FFB6**, and **64AD4C** is the 20% darker color. If you saturate the color by 10%, you get **8AE569**, and if you desaturate by 10%, it is **ACE597**.

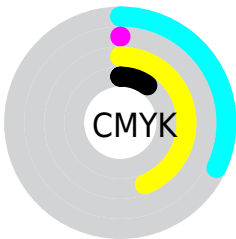
Distribution



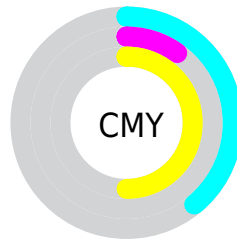
- Red (61%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (79%)



- Cyan (32%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)



- Cyan (39%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE580 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 9BE580 by changing the saturation by 10% instead.

 9BE580

 9BE580

FFFFFF

 7FC966

 D4FFB6

 64AD4C

 F1FFD2

 499233

 FFFFEF

 2C7819

 065F00

 004600

 002F00

 001700

 000000

 9BE580

 9BE580

 8AE569

 ACE597

 79E552

 BDE5AE

 69E53B

 CDE5C5

 58E524

 DEE5DC

 47E50D

 EFE5F3

 3DE500

 FFE5FF

Harmonies

Analogous

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



D9D862



9BE580



3EEDB3

Triad

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



9BE580



00E0FF



FFA4B9

Complementary

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



9BE580



CA80E5

Split Complementary

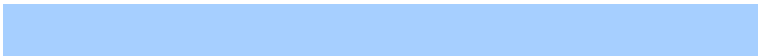
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA7F1



9BE580



A6CFFF

Square

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



9BE580



00EBFF



F9B9FF



FFB187

Rectangle

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



9BE580



00EED9



F9B9FF



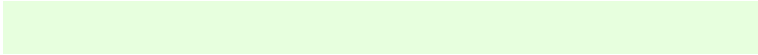
FFA3CC

Sweetspot

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



9BE580



E7FFDE



E5C880



71806B



000000



808080

Same Dimension

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



9BE580



9CFF78



80E596



6A7367



30B300



0E3300

Inverse Universe

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



CA80E5



DB78FF



E580CF



706773



8300B3



250033

Previews

White Background



This preview shows how the Hex color 9BE580 looks on a white background.

Color Contrast Check

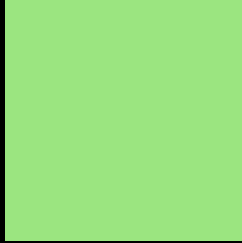
Large Text (above 18pt) WCAG AA × Fail

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 9BE580 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 9BE580 Background



This preview shows how black text looks on a background with the Hex color 9BE580.

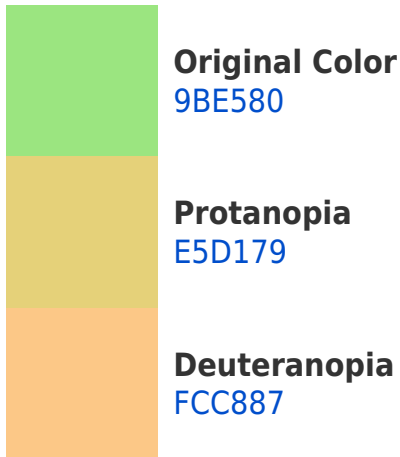


This preview shows how white text looks on a background with the Hex color 9BE580.

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
ADD9EA

Trichromacy



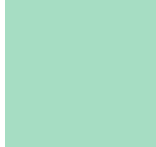
Original Color
9BE580



Protanomaly
CAD87C



Deuteranomaly
D9D384



Tritanomaly
A6DDC3

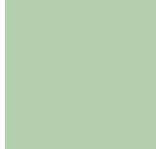
Monochromacy



Original Color
9BE580



Achromatopsia
C3C3C3



Achromatomaly
B4CFAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE580 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 #9BE580 looks like.

```
.text, #text, p{  
    color:#9BE580  
}
```

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 #9BE580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE580
}
```

Border

The CSS property to change the border of an element to Hex 9BE580 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
#9BE580 }
```

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

```
.border{ border-color:#9BE580 }
```

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

Here you see how a box with a 4 pixel #9BE580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE580; -webkit-box-shadow:4px 4px  
4px 4px #9BE580; box-shadow:4px 4px 4px  
4px #9BE580 }
```

Background

The CSS property to change the background color of an element to Hex 9BE580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE580 }
```

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

```
.background{ background-color:#9BE580 }
```

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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