

Converting Colors

Hex(99F296)

Have a look what the booklet for
Hex(99F296) contains.

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Color

Hex(99F296)

Conversions

Conversions Part 1

Format	Color
Hex	99F296
RGB	153, 242, 150
RGB Percent	60%, 95%, 59%
CMY	0.4000, 0.0510, 0.4118
CMYK	0.37, 0.00, 0.38, 0.05
HSL	118°, 78%, 77%
HSV	118°, 38%, 95%
XYZ	50.3940, 72.4786, 40.1879
YIQ	204.9010, -23.5120, -47.4800

Conversions

Conversions Part 2

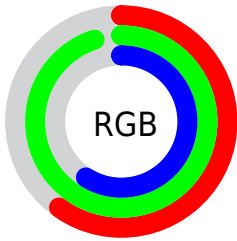
Format	Color
RYB	150, 242, 239
Decimal	10089110
CIELab	88.20, -44.45, 36.19
CIELCh	88, 57.316, 140.847
Yxy	72.4786, 0.3091, 0.4445
Android (android.graphics.Color)	4288279190 (0xFF99F296)
YUV	204.9010, -27.0662, -45.5172
Hunter-Lab	85.1343, -43.3247, 31.6061

Details

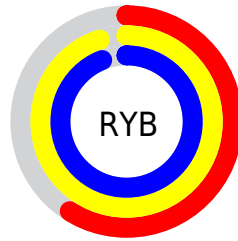
The Hex color **99F296** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EF96F2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D2FFCD**, and **61B962** is the 20% darker color. If you saturate the color by 10%, you get **82F27E**, and if you desaturate by 10%, it is **B0F2AE**.

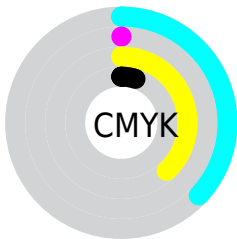
Distribution



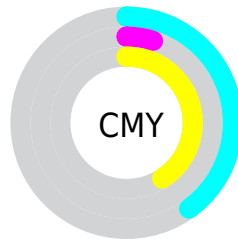
- Red (60%)
- Green (95%)
- Blue (59%)



- Red (59%)
- Yellow (95%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)



- Cyan (40%)
- Magenta (5%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99F296 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 99F296 by changing the saturation by 10% instead.

 99F296

 99F296

FFFFFF

 7DD57C

 D2FFCD

 61B962

 F0FFE9

 459E49

 278331

 006918

 005000

 003800

 002300

 000000

 99F296

 99F296

 82F27E

 B0F2AE

 6AF266

 C8F2C6

 53F24D

 DFF2DF


 3BF235

 F7F2F7

 24F21D

 FFF2FF

 0DF205

 08F200

Harmonies

Analogous

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



D9E674



99F296



38F8CA

Triad

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



99F296



55E8FF



FFB2B9

Complementary

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



99F296



EF96F2

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.



FFB2F0



99F296



C8D5FF

Square

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



99F296



00F4FF



FFC1FF



FFC18A

Rectangle

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



99F296



00FAF0



FFC1FF



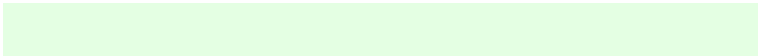
FFB0CB

Sweetspot

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



99F296



E4FFE3



F2EF96



6F806F



000000



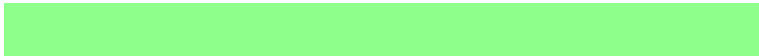
808080

Same Dimension

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



99F296



8EFF8A



96F2C1



6C786C



06B800



023800

Inverse Universe

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



EF96F2



FB8AFF



F296C7



776C78



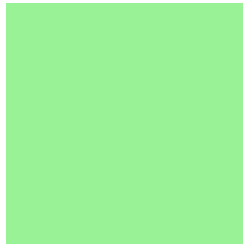
B200B8



360038

Previews

White Background



This preview shows how the Hex color 99F296 looks on a white background.

Color Contrast Check

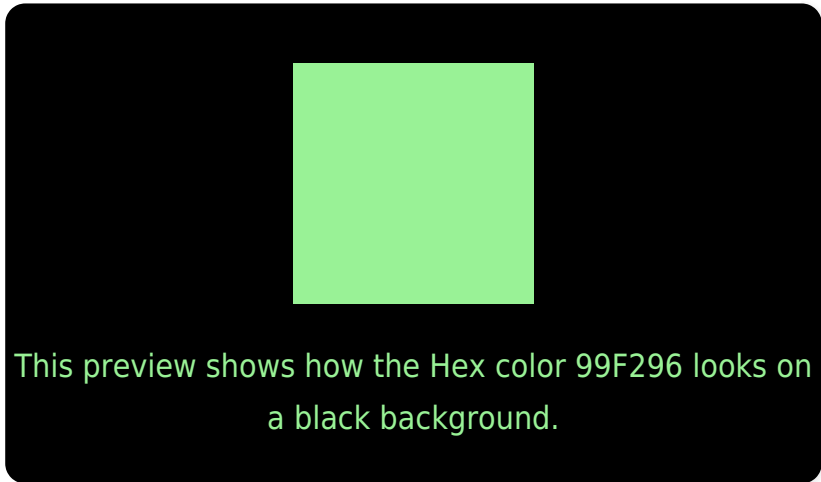
Large Text (above 18pt) WCAG AA × Fail

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

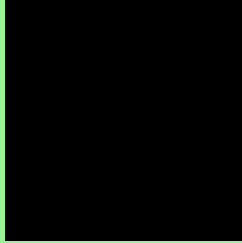
Any Text WCAG AA ✓ Pass

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 99F296 Background



This preview shows how black text looks on a background with the Hex color 99F296.

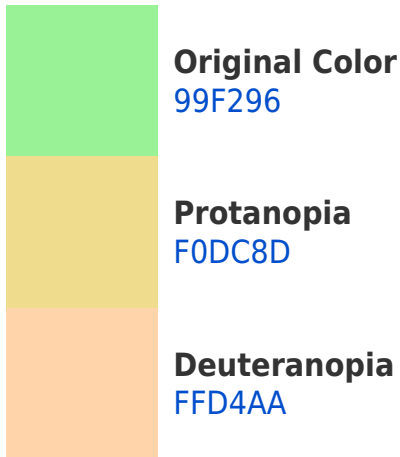


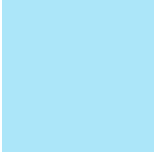
This preview shows how white text looks on a background with the Hex color 99F296.

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



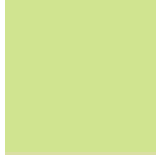


Tritanopia
ACE6F9

Trichromacy



Original Color
99F296



Protanomaly
D0E490



Deuteranomaly
DADFA3



Tritanomaly
A5EAD5

Monochromacy



Original Color
99F296



Achromatopsia
CDCDCD



Achromatomaly
BADAB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 99F296 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 #99F296 looks like.

```
.text, #text, p{  
    color:#99F296  
}
```

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 #99F296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99F296
}
```

Border

The CSS property to change the border of an element to Hex 99F296 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
#99F296 }
```

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

```
.border{ border-color:#99F296 }
```

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

Here you see how a box with a 4 pixel #99F296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99F296; -webkit-box-shadow:4px 4px  
4px 4px #99F296; box-shadow:4px 4px 4px  
4px #99F296 }
```

Background

The CSS property to change the background color of an element to Hex 99F296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99F296 }
```

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

```
.background{ background-color:#99F296 }
```

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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