

Converting Colors

Hex(96DFA2)

Have a look what the booklet for
Hex(96DFA2) contains.

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Color

Hex(96DFA2)

Conversions

Conversions Part 1

Format	Color
Hex	96DFA2
RGB	150, 223, 162
RGB Percent	59%, 87%, 64%
CMY	0.4118, 0.1255, 0.3647
CMYK	0.33, 0.00, 0.27, 0.13
HSL	130°, 53%, 73%
HSV	130°, 33%, 87%
XYZ	45.4869, 61.8680, 43.7267
YIQ	194.2190, -23.9270, -34.4470

Conversions

Conversions Part 2

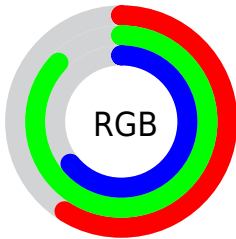
Format	Color
RYB	150, 213, 223
Decimal	9887650
CIELab	82.84, -34.95, 22.86
CIElCh	83, 41.763, 146.809
Yxy	61.8680, 0.3011, 0.4095
Android (android.graphics.Color)	4288077730 (0xFF96DFA2)
YUV	194.2190, -15.8840, -38.7801
Hunter-Lab	78.6562, -34.4217, 22.0987

Details

The Hex color **96DFA2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DF96D3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CEFFD9**, and **60A76E** is the 20% darker color. If you saturate the color by 10%, you get **80DF8F**, and if you desaturate by 10%, it is **ACDFB5**.

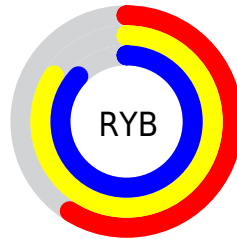
Distribution



Red (59%)

Green (87%)

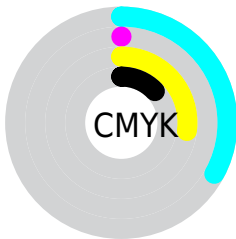
Blue (64%)



Red (59%)

Yellow (84%)

Blue (87%)

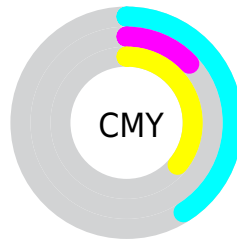


Cyan (33%)

Magenta (0%)

Yellow (27%)

Black (13%)



Cyan (41%)

Magenta (13%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DFA2 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 96DFA2 by changing the saturation by 10% instead.

 96DFA2

 96DFA2

FFFFFF

 7BC388

 CEFFD9

 60A76E

 EBFFF6

 468D55

 2B733E

 0A5A27

 004211

 002B00

 001200

 000000

 96DFA2

 96DFA2

 80DF8F

 ACDFB5

 69DF7D

 C3DFC7

 53DF6A

 D9DFDA

 3DDF57

 EFD FED

 27DF45

 FFDFFF

 10DF32

 00DF25

Harmonies

Analogous

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



C4D787



96DFA2



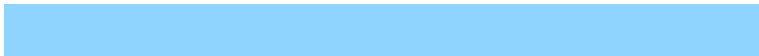
63E3C9

Triad

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



96DFA2



8FD3FF



FFB2AD

Complementary

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



96DFA2



DF96D3

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.



FFB0D4



96DFA2



CDC6FF

Square

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



96DFA2



4EDDFE



FCB8FA



FFBD8E

Rectangle

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



96DFA2



42E3E4



FCB8FA



FFB1B9

Sweetspot

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



96DFA2



E6FFEA



D4DF96



708073



000000



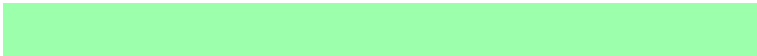
808080

Same Dimension

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



96DFA2



9CFFAC



96DFC5



657067



00B01D



003008

Inverse Universe

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



DF96D3



FF9CEF



DF96B0



70656E



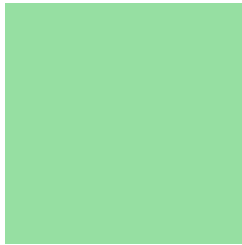
B00093



300028

Previews

White Background



This preview shows how the Hex color 96DFA2 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 96DFA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

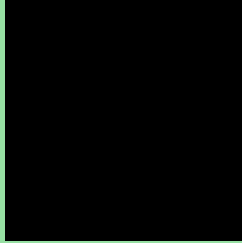
Any Text WCAG AA ✓ Pass

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 96DFA2 Background



This preview shows how black text looks on a background with the Hex color 96DFA2.

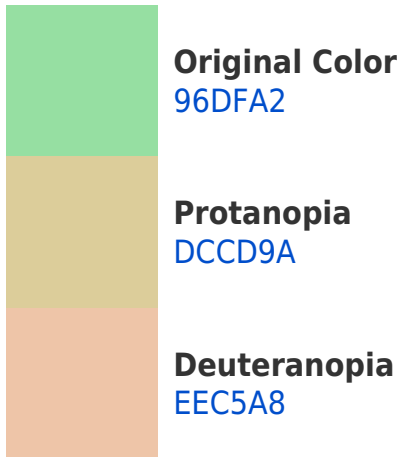


This preview shows how white text looks on a background with the Hex color 96DFA2.

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](#).

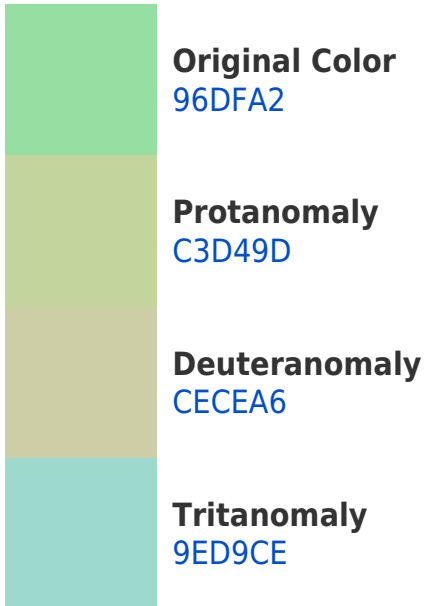
Dichromacy



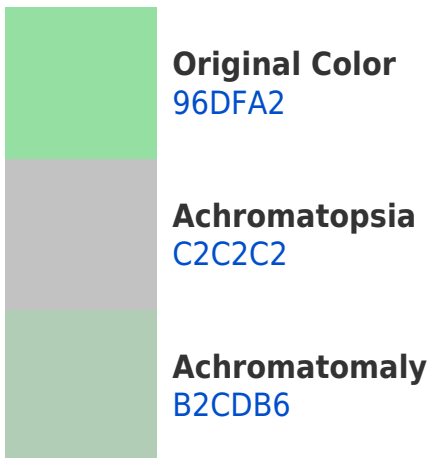


Tritanopia
A3D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96DFA2 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 #96DFA2 looks like.

```
.text, #text, p{  
    color:#96DFA2  
}
```

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 #96DFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DFA2
}
```

Border

The CSS property to change the border of an element to Hex 96DFA2 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
#96DFA2 }
```

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

```
.border{ border-color:#96DFA2 }
```

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

Here you see how a box with a 4 pixel #96DFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DFA2; -webkit-box-shadow:4px 4px  
4px 4px #96DFA2; box-shadow:4px 4px 4px  
4px #96DFA2 }
```

Background

The CSS property to change the background color of an element to Hex 96DFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DFA2 }
```

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

```
.background{ background-color:#96DFA2 }
```

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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