

Converting Colors

Hex(4DF9A6)

Have a look what the booklet for
Hex(4DF9A6) contains.

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Color

Hex(4DF9A6)

Conversions

Conversions Part 1

Format	Color
Hex	4DF9A6
RGB	77, 249, 166
RGB Percent	30%, 98%, 65%
CMY	0.6980, 0.0235, 0.3490
CMYK	0.69, 0.00, 0.33, 0.02
HSL	151°, 93%, 64%
HSV	151°, 69%, 98%
XYZ	43.8192, 72.0823, 47.6802
YIQ	188.1100, -75.8690, -62.2770

Conversions

Conversions Part 2

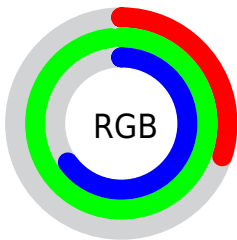
Format	Color
RYB	77, 190, 249
Decimal	5110182
CIELab	88.01, -62.05, 27.45
CIELCh	88, 67.852, 156.138
Yxy	72.0823, 0.2679, 0.4407
Android (android.graphics.Color)	4283300262 (0xFF4DF9A6)
YUV	188.1100, -10.9002, -97.4435
Hunter-Lab	84.9013, -56.4500, 26.1339

Details

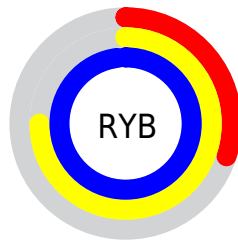
The Hex color **4DF9A6** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F94DA0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **91FFDD**, and **00BF72** is the 20% darker color. If you saturate the color by 10%, you get **34F99A**, and if you desaturate by 10%, it is **66F9B2**.

Distribution



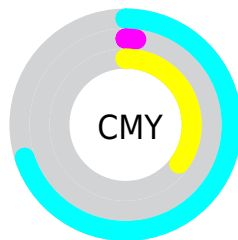
- Red (30%)
- Green (98%)
- Blue (65%)



- Red (30%)
- Yellow (75%)
- Blue (98%)



- Cyan (69%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)



- Cyan (70%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DF9A6 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 4DF9A6 by changing the saturation by 10% instead.

 4DF9A6

 4DF9A6

FFFFFF

 1CDC8B

 91FFDD

 00BF72

 B0FFFA

 00A358

 CFFFFFF

 008840

 EFFFFFF

 006D29

 005412

 003B00

 002300

 000000

 4DF9A6

 4DF9A6

 34F99A

 66F9B2

 1BF98E

 7FF9BE

 02F982

 98F9CA

 00F981

 B1F9D6

 CAF9E2

 E2F9EE

 FBF9FA

 FFF9FF

Harmonies

Analogous

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



B1EF6F



4DF9A6



00FDE8

Triad

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



4DF9A6



7CDFFF



FFAF94

Complementary

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



4DF9A6



F94DA0

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.



FFA4D2



4DF9A6



F2C6FF

Square

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



4DF9A6



00F1FF



FFAEFF



FFC665

Rectangle

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



4DF9A6



00FCFF



FFAEFF



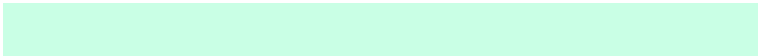
FFA9A7

Sweetspot

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



4DF9A6



C9FFE5



A0F94D



608070



000000



808080

Same Dimension

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



4DF9A6



2BFF99



4DF6F9



707D77



00BD62



003D20

Inverse Universe

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



F94DA0



FF2B91



F9504D



7D7076



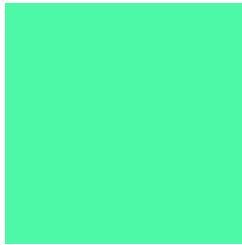
BD005B



3D001E

Previews

White Background



This preview shows how the Hex color 4DF9A6 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 4DF9A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

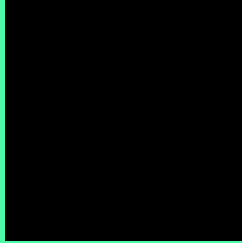
Any Text WCAG AA ✓ Pass

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 4DF9A6 Background



This preview shows how black text looks on a background with the Hex color 4DF9A6.

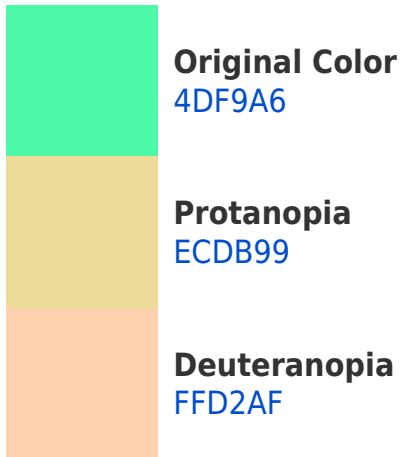


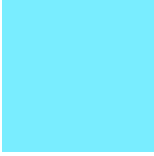
This preview shows how white text looks on a background with the Hex color 4DF9A6.

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
79EDFF

Trichromacy



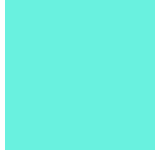
Original Color
4DF9A6



Protanomaly
B2E69E



Deuteranomaly
BEE0AC



Tritanomaly
69F1DF

Monochromacy



Original Color
4DF9A6



Achromatopsia
BCBCBC



Achromatomaly
94D2B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DF9A6 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 #4DF9A6 looks like.

```
.text, #text, p{  
    color:#4DF9A6  
}
```

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 #4DF9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DF9A6
}
```

Border

The CSS property to change the border of an element to Hex 4DF9A6 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
#4DF9A6 }
```

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

```
.border{ border-color:#4DF9A6 }
```

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

Here you see how a box with a 4 pixel #4DF9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DF9A6; -webkit-box-shadow:4px 4px  
4px 4px #4DF9A6; box-shadow:4px 4px 4px  
4px #4DF9A6 }
```

Background

The CSS property to change the background color of an element to Hex 4DF9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DF9A6 }
```

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

```
.background{ background-color:#4DF9A6 }
```

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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