

Converting Colors

Hex(4DF1A7)

Have a look what the booklet for
Hex(4DF1A7) contains.

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Color

Hex(4DF1A7)

Conversions

Conversions Part 1

Format	Color
Hex	4DF1A7
RGB	77, 241, 167
RGB Percent	30%, 95%, 65%
CMY	0.6980, 0.0549, 0.3451
CMYK	0.68, 0.00, 0.31, 0.05
HSL	153°, 85%, 62%
HSV	153°, 68%, 95%
XYZ	41.4909, 67.2784, 47.3584
YIQ	183.5280, -73.9900, -57.7820

Conversions

Conversions Part 2

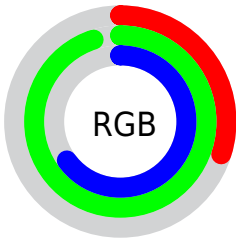
Format	Color
RYB	77, 183, 241
Decimal	5108135
CIELab	85.64, -58.83, 23.72
CIElCh	86, 63.429, 158.045
Yxy	67.2784, 0.2657, 0.4309
Android (android.graphics.Color)	4283298215 (0xFF4DF1A7)
YUV	183.5280, -8.1483, -93.4251
Hunter-Lab	82.0234, -53.2481, 23.1837

Details

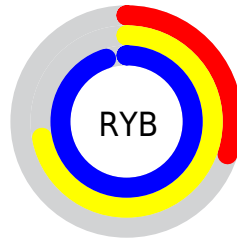
The Hex color **4DF1A7** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F14D97**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **8FFFDE**, and **00B873** is the 20% darker color. If you saturate the color by 10%, you get **35F19C**, and if you desaturate by 10%, it is **65F1B2**.

Distribution



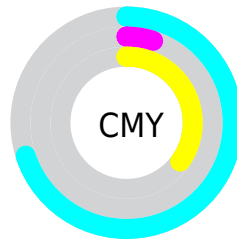
- Red (30%)
- Green (95%)
- Blue (65%)



- Red (30%)
- Yellow (72%)
- Blue (95%)



- Cyan (68%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (70%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DF1A7 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 4DF1A7 by changing the saturation by 10% instead.

 4DF1A7

FFFFFF

 8FFFDE

 AEFFFB

 CDFFFF

 ECFFFF

 4DF1A7

 1FD48C

 00B873

 009C5A

 008142

 00672B

 004D15

 003500

 001C00

 000000

 4DF1A7

 4DF1A7

 35F19C

 65F1B2

 1DF191

 7DF1BD

 05F186

 95F1C8

 00F184

 ADF1D2

 C6F1DD

 DEF1E8

 F6F1F3

 FFF1FE

 FFF1FF

Harmonies

Analogous

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



A9E873



4DF1A7



00F4E5

Triad

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



4DF1A7



89D7FF



FFAD8F

Complementary

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



4DF1A7



F14D97

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.



FFA2C8



4DF1A7



F0C0FF

Square

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



4DF1A7



00E8FF



FFAAFF



FFC365

Rectangle

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



4DF1A7



00F3FF



FFAAFF



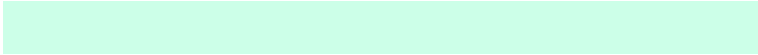
FFA8A1

Sweetspot

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



4DF1A7



CCFFE8



9AF14D



618072



000000



808080

Same Dimension

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



4DF1A7



2EFFA1



4DECF1



6C7872



00B865



00381F

Inverse Universe

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



F14D97



FF2E8C



F1524D



786C71



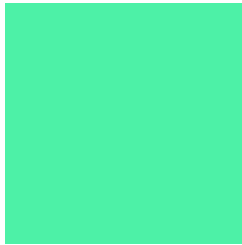
B80053



380019

Previews

White Background



This preview shows how the Hex color 4DF1A7 looks on a white background.

Color Contrast Check

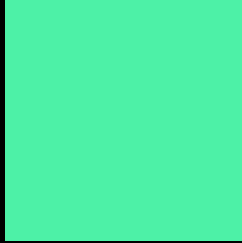
Large Text (above 18pt) WCAG AA × Fail

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 4DF1A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

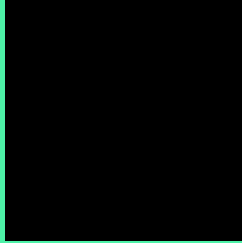
Any Text WCAG AA ✓ Pass

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 4DF1A7 Background



This preview shows how black text looks on a background with the Hex color 4DF1A7.

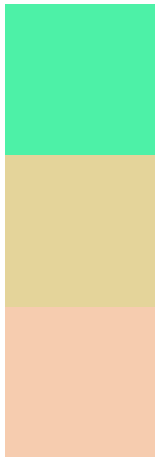


This preview shows how white text looks on a background with the Hex color 4DF1A7.

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](#).

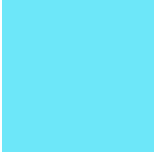
Dichromacy



Original Color
4DF1A7

Protanopia
E4D49A

Deuteranopia
F6CCAF



Tritanopia
6DE7F9

Trichromacy



Original Color
4DF1A7



Protanomaly
AADD9F



Deuteranomaly
B9D9AC

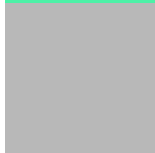


Tritanomaly
61EBDB

Monochromacy



Original Color
4DF1A7



Achromatopsia
B8B8B8



Achromatomaly
91CDB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DF1A7 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 #4DF1A7 looks like.

```
.text, #text, p{  
    color:#4DF1A7  
}
```

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 #4DF1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DF1A7  
}
```

Border

The CSS property to change the border of an element to Hex 4DF1A7 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  
#4DF1A7 }
```

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

```
.border{ border-color:#4DF1A7 }
```

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

Here you see how a box with a 4 pixel #4DF1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DF1A7; -webkit-box-shadow:4px 4px  
4px 4px #4DF1A7; box-shadow:4px 4px 4px  
4px #4DF1A7 }
```

Background

The CSS property to change the background color of an element to Hex 4DF1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DF1A7 }
```

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

```
.background{ background-color:#4DF1A7 }
```

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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