

Converting Colors

Hex(42DF9A)

Have a look what the booklet for
Hex(42DF9A) contains.

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Color

Hex(42DF9A)

Conversions

Conversions Part 1

Format	Color
Hex	42DF9A
RGB	66, 223, 154
RGB Percent	26%, 87%, 60%
CMY	0.7412, 0.1255, 0.3961
CMYK	0.70, 0.00, 0.31, 0.13
HSL	154°, 71%, 57%
HSV	154°, 70%, 87%
XYZ	34.4672, 56.2667, 39.6158
YIQ	168.1910, -71.4230, -54.7430

Conversions

Conversions Part 2

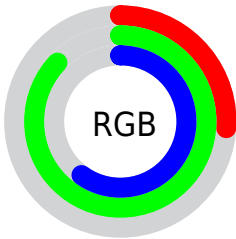
Format	Color
RYB	66, 167, 223
Decimal	4382618
CIELab	79.77, -56.23, 22.33
CIELCh	80, 60.500, 158.337
Yxy	56.2667, 0.2644, 0.4317
Android (android.graphics.Color)	4282572698 (0xFF42DF9A)
YUV	168.1910, -6.9962, -89.6215
Hunter-Lab	75.0111, -49.2498, 21.1948

Details

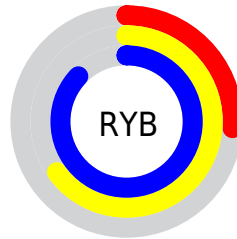
The Hex color **42DF9A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DF4287**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **85FFD1**, and **00A767** is the 20% darker color. If you saturate the color by 10%, you get **2CDF90**, and if you desaturate by 10%, it is **58DFA4**.

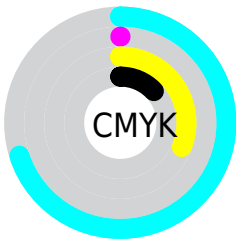
Distribution



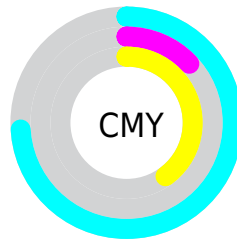
- Red (26%)
- Green (87%)
- Blue (60%)



- Red (26%)
- Yellow (65%)
- Blue (87%)



- Cyan (70%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (74%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42DF9A 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 42DF9A by changing the saturation by 10% instead.

 42DF9A

 42DF9A

FFFFFF

 0BC280

 85FFD1

 00A767

 A3FFED

 008B4E

 C2FFFF

 007137

 E0FFFF

 005720

 003E0A

 002700

 000000

 42DF9A

 42DF9A

 2CDF90

 58DFA4

 15DF86

 6FDFAE

 00DF7D

 85DFB7

 9BDFC1

 B2DFCB

 C8DFD5

 DEDDFD

 F4DFE8

 FFDFE2

Harmonies

Analogous

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



9BD669



42DF9A



00E2D4

Triad

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



42DF9A



7EC6FF



FF9F83

Complementary

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



42DF9A



DF4287

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.



FF95B8



42DF9A



DEB1FF

Square

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



42DF9A



00D7FF



FF9CF1



FFB45C

Rectangle

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



42DF9A



00E1FA



FF9CF1



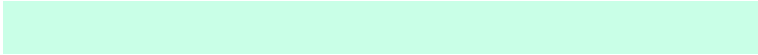
FF9A93

Sweetspot

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



42DF9A



C9FFE7



89DF42



608071



000000



808080

Same Dimension

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



42DF9A



29FFA1



42D7DF



65706B



00B063



00301B

Inverse Universe

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



DF4287



FF2987



DF4A42



70656A



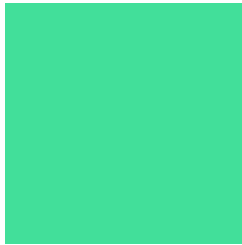
B0004D



300015

Previews

White Background



This preview shows how the Hex color 42DF9A 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 42DF9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

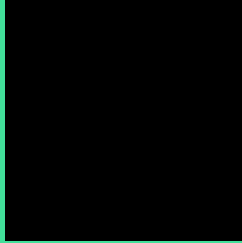
Any Text WCAG AA ✓ Pass

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 42DF9A Background



This preview shows how black text looks on a background with the Hex color 42DF9A.

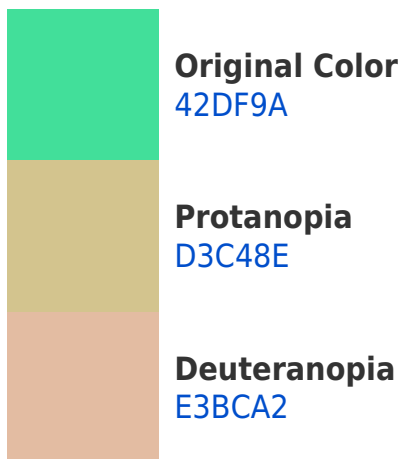


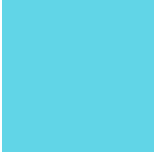
This preview shows how white text looks on a background with the Hex color 42DF9A.

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



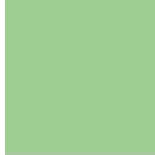


Tritanopia
61D5E7

Trichromacy



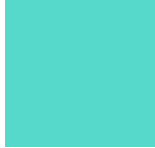
Original Color
42DF9A



Protanomaly
9ECE92



Deuteranomaly
A8C99F



Tritanomaly
56D9CB

Monochromacy



Original Color
42DF9A



Achromatopsia
A8A8A8



Achromatomaly
83BCA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 42DF9A 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 #42DF9A looks like.

```
.text, #text, p{  
    color:#42DF9A  
}
```

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 #42DF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42DF9A
}
```

Border

The CSS property to change the border of an element to Hex 42DF9A 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
#42DF9A }
```

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

```
.border{ border-color:#42DF9A }
```

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

Here you see how a box with a 4 pixel #42DF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42DF9A; -webkit-box-shadow:4px 4px  
4px 4px #42DF9A; box-shadow:4px 4px 4px  
4px #42DF9A }
```

Background

The CSS property to change the background color of an element to Hex 42DF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42DF9A }
```

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

```
.background{ background-color:#42DF9A }
```

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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