

Converting Colors

Hex(42ED92)

Have a look what the booklet for
Hex(42ED92) contains.

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Color

Hex(42ED92)

Conversions

Conversions Part 1

Format	Color
Hex	42ED92
RGB	66, 237, 146
RGB Percent	26%, 93%, 57%
CMY	0.7412, 0.0706, 0.4275
CMYK	0.72, 0.00, 0.38, 0.07
HSL	148°, 83%, 59%
HSV	148°, 72%, 93%
XYZ	37.7193, 63.8019, 37.5211
YIQ	175.4970, -72.7050, -64.5530

Conversions

Conversions Part 2

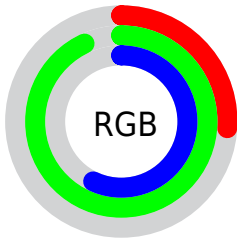
Format	Color
RYB	66, 182, 237
Decimal	4386194
CIELab	83.86, -63.01, 31.96
CIElCh	84, 70.651, 153.105
Yxy	63.8019, 0.2713, 0.4589
Android (android.graphics.Color)	4282576274 (0xFF42ED92)
YUV	175.4970, -14.5420, -96.0289
Hunter-Lab	79.8761, -55.4916, 28.0623

Details

The Hex color **42ED92** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **ED429D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **87FFC9**, and **00B45E** is the 20% darker color. If you saturate the color by 10%, you get **2AED85**, and if you desaturate by 10%, it is **5AED9F**.

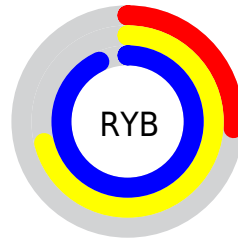
Distribution



Red (26%)

Green (93%)

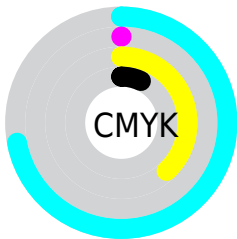
Blue (57%)



Red (26%)

Yellow (71%)

Blue (93%)

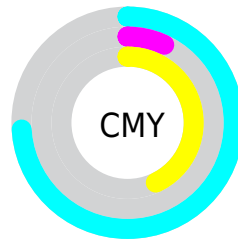


Cyan (72%)

Magenta (0%)

Yellow (38%)

Black (7%)



Cyan (74%)

Magenta (7%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42ED92 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 42ED92 by changing the saturation by 10% instead.

 42ED92

 42ED92


FFFFFF

 00D078

 87FFC9

 00B45E

 A6FFE5

 009846

 C5FFFF

 007D2E

 E4FFFF

 006316

 004900

 003200

 001600

 000000

 42ED92

 42ED92

 2AED85

 5AED9F

 13ED79

 71EDAB

 00ED6F

 89EDB8

 A1EDC4

 B8EDD1

 D0EDDE

 E8EDEA

 FFEDF7

 FFEDFF

Harmonies

Analogous

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



AAE25A



42ED92



00F2D6

Triad

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



42ED92



49D6FF



FF9F8C

Complementary

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



42ED92



ED429D

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.



FF94CD



42ED92



DDBDFF

Square

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



42ED92



00E8FF



FFA2FF



FFB759

Rectangle

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



42ED92



00F1FF



FFA2FF



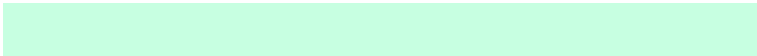
FF99A1

Sweetspot

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



42ED92



C7FFE1



9DED42



5E806E



000000



808080

Same Dimension

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



42ED92



21FF89



42EDE7



6A756F



00B555



003619

Inverse Universe

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



ED429D



FF2197



ED4248



756A70



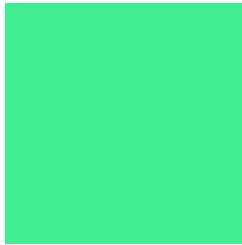
B50060



36001C

Previews

White Background



This preview shows how the Hex color 42ED92 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 42ED92 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

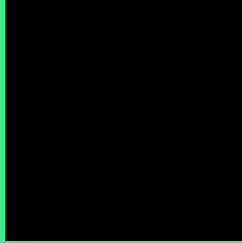
Any Text WCAG AA ✓ Pass

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 42ED92 Background



This preview shows how black text looks on a background with the Hex color 42ED92.

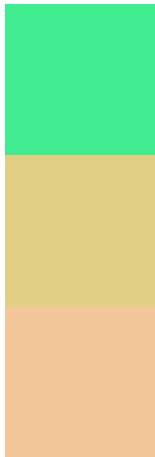


This preview shows how white text looks on a background with the Hex color 42ED92.

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](#).

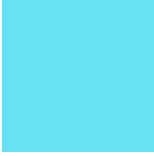
Dichromacy



Original Color
42ED92

Protanopia
E1CF86

Deuteranopia
F4C79B



Tritanopia
69E1F4

Trichromacy



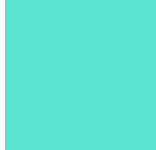
Original Color
42ED92



Protanomaly
A7DA8A



Deuteranomaly
B3D598

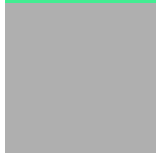


Tritanomaly
5BE5D0

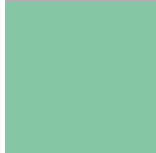
Monochromacy



Original Color
42ED92



Achromatopsia
AFAFAF



Achromatomaly
87C6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 42ED92 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 #42ED92 looks like.

```
.text, #text, p{  
    color:#42ED92  
}
```

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 #42ED92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42ED92
}
```

Border

The CSS property to change the border of an element to Hex 42ED92 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
#42ED92 }
```

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

```
.border{ border-color:#42ED92 }
```

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

Here you see how a box with a 4 pixel #42ED92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42ED92; -webkit-box-shadow:4px 4px  
4px 4px #42ED92; box-shadow:4px 4px 4px  
4px #42ED92 }
```

Background

The CSS property to change the background color of an element to Hex 42ED92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42ED92 }
```

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

```
.background{ background-color:#42ED92 }
```

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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