

Converting Colors

Hex(42E176)

Have a look what the booklet for
Hex(42E176) contains.

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Color

Hex(42E176)

Conversions

Conversions Part 1

Format	Color
Hex	42E176
RGB	66, 225, 118
RGB Percent	26%, 88%, 46%
CMY	0.7412, 0.1176, 0.5373
CMYK	0.71, 0.00, 0.48, 0.12
HSL	140°, 73%, 57%
HSV	140°, 71%, 88%
XYZ	32.4420, 56.3167, 26.2999
YIQ	165.2610, -60.4170, -66.9850

Conversions

Conversions Part 2

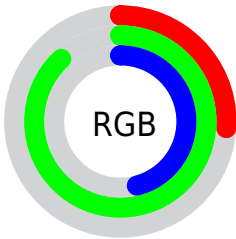
Format	Color
RYB	66, 186, 225
Decimal	4383094
CIELab	79.79, -63.47, 40.61
CIELCh	80, 75.352, 147.392
Yxy	56.3167, 0.2820, 0.4895
Android (android.graphics.Color)	4282573174 (0xFF42E176)
YUV	165.2610, -23.2997, -87.0519
Hunter-Lab	75.0444, -54.1616, 31.7525

Details

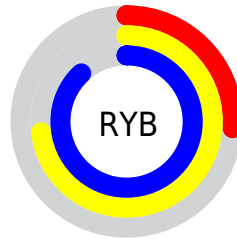
The Hex color **42E176** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E142AD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **85FFAC**, and **00A843** is the 20% darker color. If you saturate the color by 10%, you get **2BE167**, and if you desaturate by 10%, it is **59E185**.

Distribution



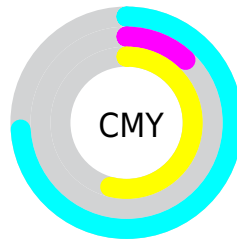
- Red (26%)
- Green (88%)
- Blue (46%)



- Red (26%)
- Yellow (73%)
- Blue (88%)



- Cyan (71%)
- Magenta (0%)
- Yellow (48%)
- Black (12%)



- Cyan (74%)
- Magenta (12%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42E176 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 42E176 by changing the saturation by 10% instead.

 42E176

 42E176

FFFFFF

 08C45C

 85FFAC

 00A843

 A4FFC8

 008D2A

 C3FFE4

 00720E

 E1FFFF

 005800

 003F00

 002700

 000000

 42E176

 42E176

 2BE167

 59E185

 15E158

 6FE194

 00E14A

 85E1A3

 9CE1B3

 B2E1C2

 C9E1D1

 DFE1E0

 F6E1EF

 FFE1FE

Harmonies

Analogous

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



AAD53C



42E176



00E7BD

Triad

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



42E176



00D0FF



FF8A89

Complementary

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



42E176



E142AD

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.



FF83CF



42E176



BBB6FF

Square

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



42E176



00E0FF



FF97FF



FFA54E

Rectangle

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



42E176



00E7EE



FF97FF



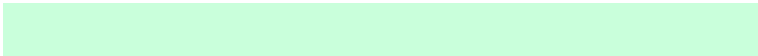
FF85A0

Sweetspot

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



42E176



C9FFDB



AFE142



60806A



000000



808080

Same Dimension

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



42E176



26FF6D



42E1C4



657069



00B03A



003010

Inverse Universe

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



E142AD



FF26B8



E1425F



70656D



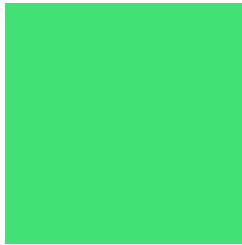
B00076



300021

Previews

White Background



This preview shows how the Hex color 42E176 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 42E176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

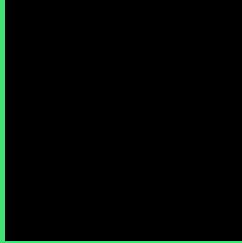
Any Text WCAG AA ✓ Pass

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 42E176 Background



This preview shows how black text looks on a background with the Hex color 42E176.

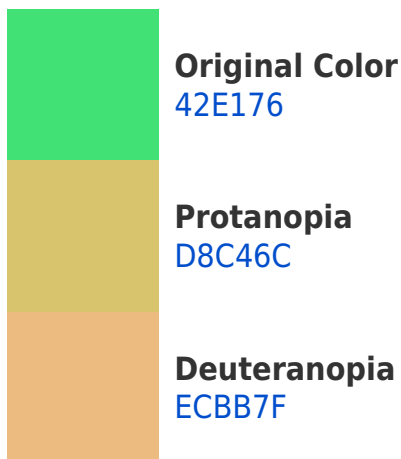


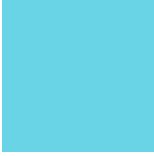
This preview shows how white text looks on a background with the Hex color 42E176.

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
69D4E6

Trichromacy



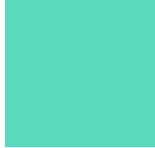
Original Color
42E176



Protanomaly
A1CF70



Deuteranomaly
AEC97C



Tritanomaly
5BD9BD

Monochromacy



Original Color
42E176



Achromatopsia
A5A5A5



Achromatomaly
81BB94

CSS Examples

Text

The CSS property to change the color of the text to Hex 42E176 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 #42E176 looks like.

```
.text, #text, p{  
    color:#42E176  
}
```

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 #42E176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42E176
}
```

Border

The CSS property to change the border of an element to Hex 42E176 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
#42E176 }
```

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

```
.border{ border-color:#42E176 }
```

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

Here you see how a box with a 4 pixel #42E176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42E176; -webkit-box-shadow:4px 4px  
4px 4px #42E176; box-shadow:4px 4px 4px  
4px #42E176 }
```

Background

The CSS property to change the background color of an element to Hex 42E176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42E176 }
```

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

```
.background{ background-color:#42E176 }
```

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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