

Converting Colors

Hex(42D672)

Have a look what the booklet for
Hex(42D672) contains.

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Color

Hex(42D672)

Conversions

Conversions Part 1

Format	Color
Hex	42D672
RGB	66, 214, 114
RGB Percent	26%, 84%, 45%
CMY	0.7412, 0.1608, 0.5529
CMYK	0.69, 0.00, 0.47, 0.16
HSL	139°, 64%, 55%
HSV	139°, 69%, 84%
XYZ	29.3306, 50.4663, 24.1147
YIQ	158.3480, -56.1080, -62.4760

Conversions

Conversions Part 2

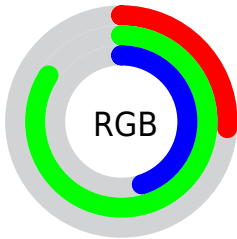
Format	Color
RYB	66, 178, 214
Decimal	4380274
CIELab	76.35, -60.20, 38.23
CIELCh	76, 71.311, 147.584
Yxy	50.4663, 0.2823, 0.4857
Android (android.graphics.Color)	4282570354 (0xFF42D672)
YUV	158.3480, -21.8636, -80.9892
Hunter-Lab	71.0396, -50.6209, 29.6015

Details

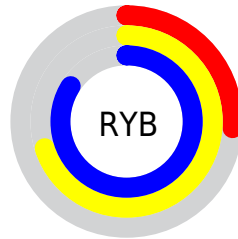
The Hex color **42D672** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D642A6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **83FFA7**, and **009E3F** is the 20% darker color. If you saturate the color by 10%, you get **2DD664**, and if you desaturate by 10%, it is **57D680**.

Distribution



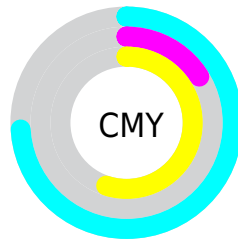
- Red (26%)
- Green (84%)
- Blue (45%)



- Red (26%)
- Yellow (70%)
- Blue (84%)



- Cyan (69%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)



- Cyan (74%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42D672 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 42D672 by changing the saturation by 10% instead.

 42D672

 42D672

FFFFFF

 10BA58

 83FFA7

 009E3F

 A2FFC3

 008327

 C0FFDF

 00690B

 DEFFFC

 004F00

 F0FFFF

 003700

 001E00

 000000

 42D672

 42D672

 2DD664

 57D680

 17D655

 6DD68F

 02D647

 82D69D

 00D645

 98D6AC

 ADD6BA

 C2D6C9

 D8D6D7

 EDD6E6

 FFD6F4

Harmonies

Analogous

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



A2CA3C



42D672



00DBB5

Triad

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



42D672



00C5FF



FF8583

Complementary

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



42D672



D642A6

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.



FF7EC4



42D672



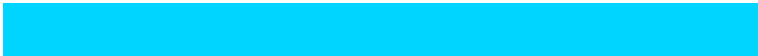
B3ADFF

Square

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



42D672



00D5FF



FF91FF



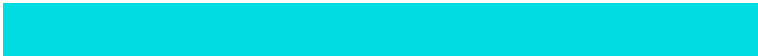
FF9E4C

Rectangle

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



42D672



00DCE2



FF91FF



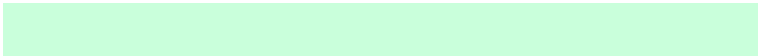
FF8098

Sweetspot

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



42D672



C9FFDB



A7D642



60806A



000000



808080

Same Dimension

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



42D672



2BFF70



42D6BB



606B64



00AB37



002B0E

Inverse Universe

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



D642A6



FF2BBA



D6425D



6B6068



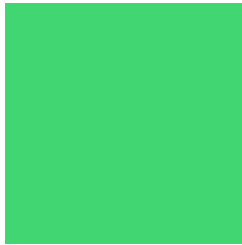
AB0073



2B001D

Previews

White Background



This preview shows how the Hex color 42D672 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 42D672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

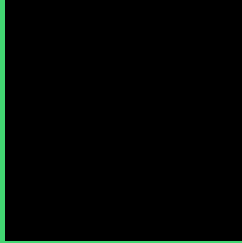
Any Text WCAG AA ✓ Pass

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 42D672 Background



This preview shows how black text looks on a background with the Hex color 42D672.

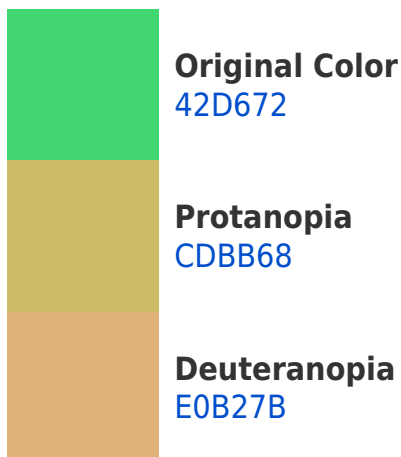


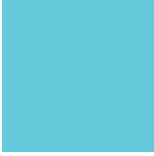
This preview shows how white text looks on a background with the Hex color 42D672.

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
65CADB

Trichromacy



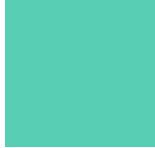
Original Color
42D672



Protanomaly
9AC56C



Deuteranomaly
A7BF78



Tritanomaly
58CEB5

Monochromacy



Original Color
42D672



Achromatopsia
9E9E9E



Achromatomaly
7DB28E

CSS Examples

Text

The CSS property to change the color of the text to Hex 42D672 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 #42D672 looks like.

```
.text, #text, p{  
    color:#42D672  
}
```

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 #42D672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D672
}
```

Border

The CSS property to change the border of an element to Hex 42D672 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
#42D672 }
```

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

```
.border{ border-color:#42D672 }
```

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

Here you see how a box with a 4 pixel #42D672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D672; -webkit-box-shadow:4px 4px  
4px 4px #42D672; box-shadow:4px 4px 4px  
4px #42D672 }
```

Background

The CSS property to change the background color of an element to Hex 42D672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D672 }
```

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

```
.background{ background-color:#42D672 }
```

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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