

Converting Colors

Hex(42D262)

Have a look what the booklet for
Hex(42D262) contains.

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Color

Hex(42D262)

Conversions

Conversions Part 1

Format	Color
Hex	42D262
RGB	66, 210, 98
RGB Percent	26%, 82%, 38%
CMY	0.7412, 0.1765, 0.6157
CMYK	0.69, 0.00, 0.53, 0.18
HSL	133°, 62%, 54%
HSV	133°, 69%, 82%
XYZ	27.4980, 48.1333, 19.3966
YIQ	154.1760, -49.8720, -65.3600

Conversions

Conversions Part 2

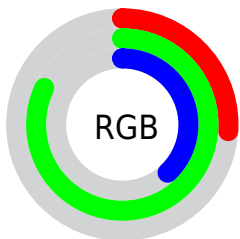
Format	Color
RYB	66, 184, 210
Decimal	4379234
CIELab	74.91, -61.16, 44.21
CIELCh	75, 75.460, 144.140
Yxy	48.1333, 0.2894, 0.5065
Android (android.graphics.Color)	4282569314 (0xFF42D262)
YUV	154.1760, -27.6948, -77.3304
Hunter-Lab	69.3782, -50.6635, 31.9885

Details

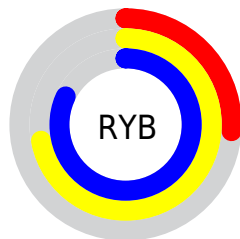
The Hex color **42D262** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D242B2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **83FF97**, and **009A2F** is the 20% darker color. If you saturate the color by 10%, you get **2DD252**, and if you desaturate by 10%, it is **57D272**.

Distribution



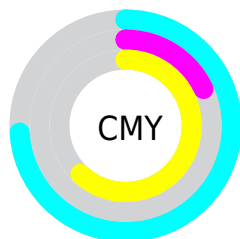
- Red (26%)
- Green (82%)
- Blue (38%)



- Red (26%)
- Yellow (72%)
- Blue (82%)



- Cyan (69%)
- Magenta (0%)
- Yellow (53%)
- Black (18%)



- Cyan (74%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color 42D262 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 42D262 by changing the saturation by 10% instead.

 42D262

 42D262

FFFFFF

 11B648

 83FF97

 009A2F

 A1FFB2

 007F12

 BFFFCF

 006500

 DEFFEB

 004B00

 FCFFFF

 003400

 001A00

 000000

 42D262

 42D262

 2DD252

 57D272

 18D241

 6CD283

 03D231

 81D293

 00D22F

 96D2A3

 ABD2B4

 C0D2C4

 D5D2D4

 EAD2E5

 FFD2F5

Harmonies

Analogous

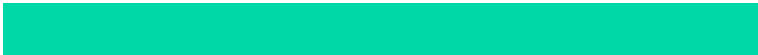
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4C526



42D262



00D8A8

Triad

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



42D262



00C5FF



FF7A84

Complementary

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



42D262



D242B2

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.



FF75C9



42D262



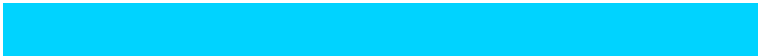
9EACFF

Square

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



42D262



00D3FF



FF8CFF



FF9447

Rectangle

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



42D262



00D9D8



FF8CFF



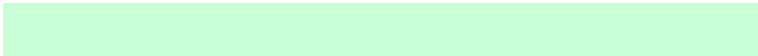
FF759A

Sweetspot

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



42D262



C9FFD5



B3D242



608067



000000



808080

Same Dimension

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



42D262



2EFF5C



42D2A9



5E6960



00A825



002909

Inverse Universe

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



D242B2



FF2ED1



D2426B



695E66



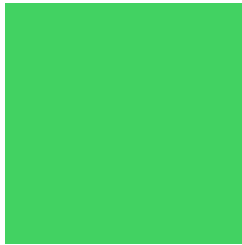
A80083



290020

Previews

White Background



This preview shows how the Hex color 42D262 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 42D262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

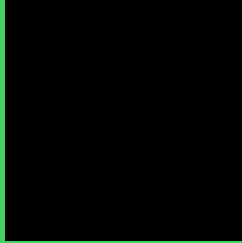
Any Text WCAG AA ✓ Pass

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 42D262 Background



This preview shows how black text looks on a background with the Hex color 42D262.

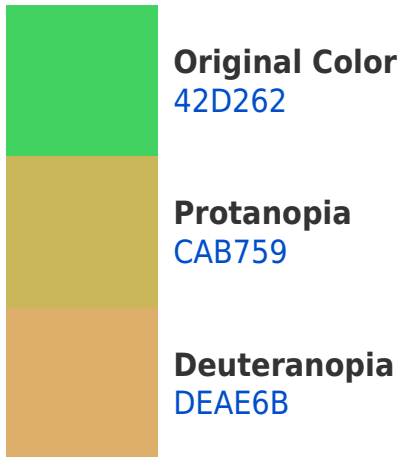


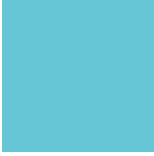
This preview shows how white text looks on a background with the Hex color 42D262.

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
66C6D6

Trichromacy



Original Color
42D262



Protanomaly
99C15C



Deuteranomaly
A5BB68



Tritanomaly
59CAAC

Monochromacy



Original Color
42D262



Achromatopsia
9A9A9A



Achromatomaly
7AAE86

CSS Examples

Text

The CSS property to change the color of the text to Hex 42D262 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 #42D262 looks like.

```
.text, #text, p{  
    color:#42D262  
}
```

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 #42D262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D262
}
```

Border

The CSS property to change the border of an element to Hex 42D262 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
#42D262 }
```

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

```
.border{ border-color:#42D262 }
```

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

Here you see how a box with a 4 pixel #42D262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D262; -webkit-box-shadow:4px 4px  
4px 4px #42D262; box-shadow:4px 4px 4px  
4px #42D262 }
```

Background

The CSS property to change the background color of an element to Hex 42D262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D262 }
```

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

```
.background{ background-color:#42D262 }
```

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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