

Converting Colors

Hex(42D361)

Have a look what the booklet for
Hex(42D361) contains.

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Color

Hex(42D361)

Conversions

Conversions Part 1

Format	Color
Hex	42D361
RGB	66, 211, 97
RGB Percent	26%, 83%, 38%
CMY	0.7412, 0.1725, 0.6196
CMYK	0.69, 0.00, 0.54, 0.17
HSL	133°, 62%, 54%
HSV	133°, 69%, 83%
XYZ	27.6987, 48.6098, 19.2320
YIQ	154.6490, -49.8260, -66.1940

Conversions

Conversions Part 2

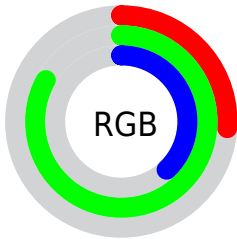
Format	Color
RYB	66, 185, 211
Decimal	4379489
CIELab	75.21, -61.64, 45.04
CIELCh	75, 76.344, 143.846
Yxy	48.6098, 0.2899, 0.5088
Android (android.graphics.Color)	4282569569 (0xFF42D361)
YUV	154.6490, -28.4210, -77.7452
Hunter-Lab	69.7208, -51.0968, 32.4498

Details

The Hex color **42D361** 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 **D342B4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **83FF96**, and **009B2D** is the 20% darker color. If you saturate the color by 10%, you get **2DD350**, and if you desaturate by 10%, it is **57D372**.

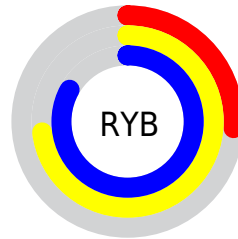
Distribution



Red (26%)

Green (83%)

Blue (38%)



Red (26%)

Yellow (73%)

Blue (83%)

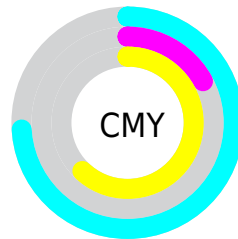


Cyan (69%)

Magenta (0%)

Yellow (54%)

Black (17%)



Cyan (74%)

Magenta (17%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42D361 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 42D361 by changing the saturation by 10% instead.

 42D361

 42D361

FFFFFF

 11B747

 83FF96

 009B2D

 A1FFB2

 008010

 C0FFCE

 006600

 DEFFEA

 004C00

 F0FFFF

 003500

 001B00

 000000

 42D361

 42D361

 2DD350

 57D372

 18D340

 6CD382

 03D32F

 81D393

 00D32D

 96D3A3

 ABD3B4

 C1D3C5

 D6D3D5

 EBD3E6

 FFD3F6

Harmonies

Analogous

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



A6C623



42D361



00D9A8

Triad

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



42D361



00C6FF



FF7985

Complementary

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



42D361



D342B4

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.



FF75CB



42D361



9DADFF

Square

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



42D361



00D4FF



FF8DFF



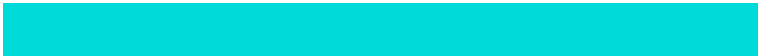
FF9447

Rectangle

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



42D361



00DAD9



FF8DFF



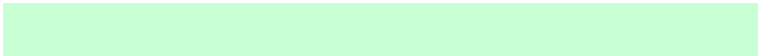
FF749C

Sweetspot

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



42D361



C9FFD5



B6D342



608066



000000



808080

Same Dimension

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



42D361



2EFF5B



42D3A8



5E6960



00A824



002909

Inverse Universe

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



D342B4



FF2ED2



D3426E



695E66



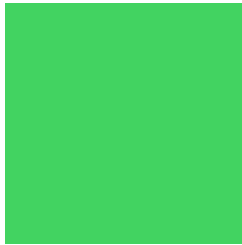
A80084



290020

Previews

White Background



This preview shows how the Hex color 42D361 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 42D361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

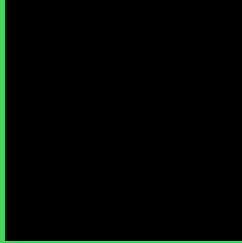
Any Text WCAG AA ✓ Pass

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 42D361 Background



This preview shows how black text looks on a background with the Hex color 42D361.

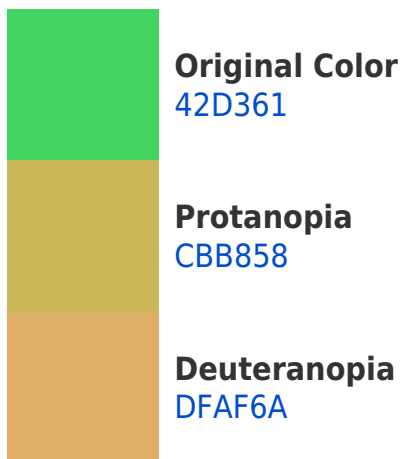


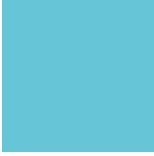
This preview shows how white text looks on a background with the Hex color 42D361.

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
66C6D7

Trichromacy



Original Color
42D361



Protanomaly
99C25B



Deuteranomaly
A6BC67



Tritanomaly
59CBAC

Monochromacy



Original Color
42D361



Achromatopsia
9B9B9B



Achromatomaly
7BAF86

CSS Examples

Text

The CSS property to change the color of the text to Hex 42D361 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 #42D361 looks like.

```
.text, #text, p{  
    color:#42D361  
}
```

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 #42D361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D361
}
```

Border

The CSS property to change the border of an element to Hex 42D361 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
#42D361 }
```

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

```
.border{ border-color:#42D361 }
```

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

Here you see how a box with a 4 pixel #42D361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D361; -webkit-box-shadow:4px 4px  
4px 4px #42D361; box-shadow:4px 4px 4px  
4px #42D361 }
```

Background

The CSS property to change the background color of an element to Hex 42D361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D361 }
```

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

```
.background{ background-color:#42D361 }
```

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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