

Converting Colors

Hex(41B83D)

Have a look what the booklet for
Hex(41B83D) contains.

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Color

Hex(41B83D)

Conversions

Conversions Part 1

Format	Color
Hex	41B83D
RGB	65, 184, 61
RGB Percent	25%, 72%, 24%
CMY	0.7451, 0.2784, 0.7608
CMYK	0.65, 0.00, 0.67, 0.28
HSL	118°, 50%, 48%
HSV	118°, 67%, 72%
XYZ	20.1628, 35.7417, 10.2510
YIQ	134.3970, -31.4410, -63.4810

Conversions

Conversions Part 2

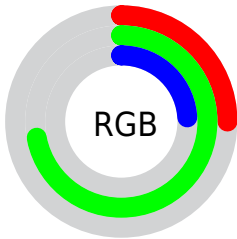
Format	Color
RYB	61, 184, 180
Decimal	4307005
CIELab	66.32, -56.64, 50.95
CIELCh	66, 76.182, 138.026
Yxy	35.7417, 0.3048, 0.5403
Android (android.graphics.Color)	4282497085 (0xFF41B83D)
YUV	134.3970, -36.1847, -60.8612
Hunter-Lab	59.7844, -44.4221, 31.6828

Details

The Hex color **41B83D** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B43DB8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7FF172**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **2FB82B**, and if you desaturate by 10%, it is **53B84F**.

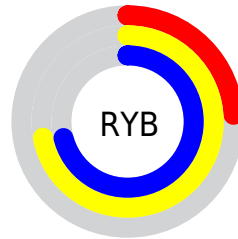
Distribution



Red (25%)

Green (72%)

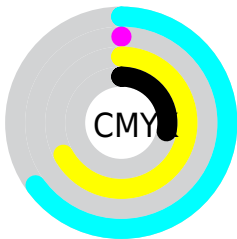
Blue (24%)



Red (24%)

Yellow (72%)

Blue (71%)

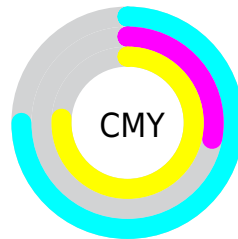


Cyan (65%)

Magenta (0%)

Yellow (67%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B83D 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 41B83D by changing the saturation by 10% instead.

 41B83D

 41B83D

FFFFFF

 189C21

 7FF172

 008200

 9CFF8D

 006700

 BAFFA8

 004E00

 D7FFC4

 003600

 F5FFE1

 001E00

FFFFFFE

 000000

 41B83D

 41B83D

 2FB82B

 53B84F

 1DB818

 65B862

 0CB806

 76B874

 06B800

 88B887

 9AB899

 ACB8AB

 BEB8BE

 CFB8D0

 E1B8E3

Harmonies

Analogous

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



9AAA00



41B83D



00BF82

Triad

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



41B83D



00B1FF



FF5B7B

Complementary

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



41B83D



B43DB8

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.



FF5DC0



41B83D



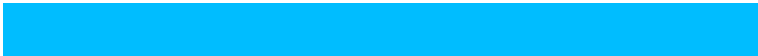
609BFF

Square

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



41B83D



00BDFE



D77BFE



FF763C

Rectangle

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



41B83D



00C0B2



D77BFE



FF5792

Sweetspot

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



41B83D



C1F0C0



B8B43D



5C785B



F7F7F7



787878

Same Dimension

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



41B83D



36F030



3DB876



535C53



059C00



011C00

Inverse Universe

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



B43DB8



E930F0



B83D7F



5C535C



96009C



1B001C

Previews

White Background



This preview shows how the Hex color 41B83D looks on a white background.

Color Contrast Check

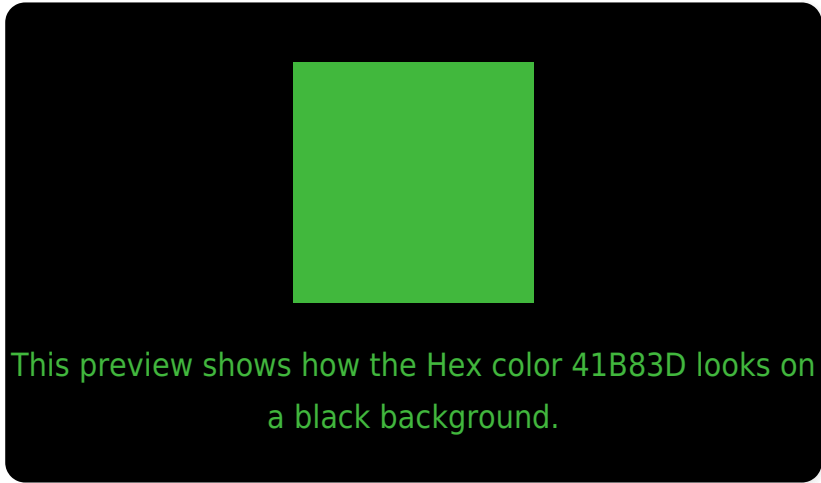
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

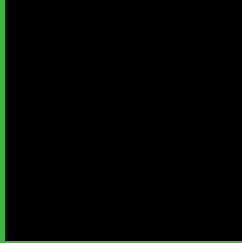
Any Text WCAG AA ✓ Pass

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 41B83D Background



This preview shows how black text looks on a background with the Hex color 41B83D.

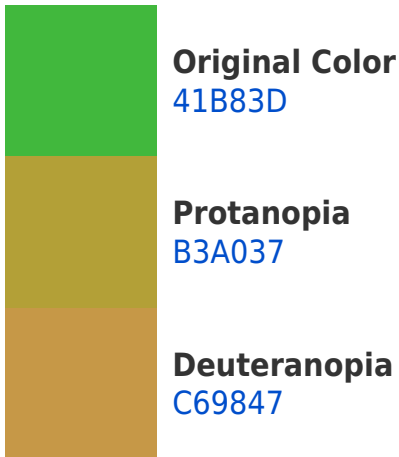


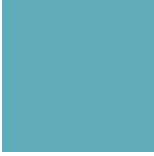
This preview shows how white text looks on a background with the Hex color 41B83D.

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](#).

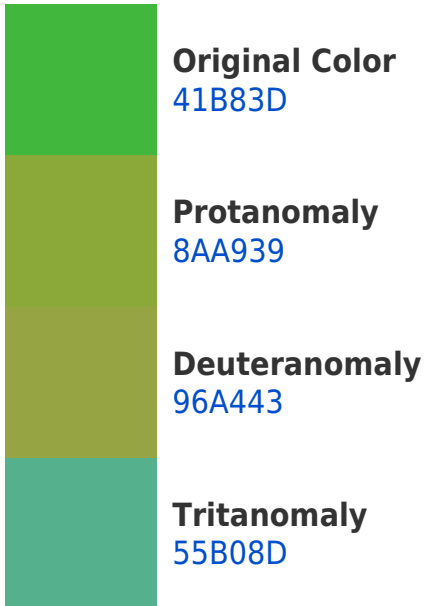
Dichromacy





Tritanopia
60ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B83D 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 #41B83D looks like.

```
.text, #text, p{  
    color:#41B83D  
}
```

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 #41B83D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B83D
}
```

Border

The CSS property to change the border of an element to Hex 41B83D 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
#41B83D }
```

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

```
.border{ border-color:#41B83D }
```

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

Here you see how a box with a 4 pixel #41B83D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B83D; -webkit-box-shadow:4px 4px  
4px 4px #41B83D; box-shadow:4px 4px 4px  
4px #41B83D }
```

Background

The CSS property to change the background color of an element to Hex 41B83D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B83D }
```

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

```
.background{ background-color:#41B83D }
```

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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