

Converting Colors

Hex(2BD437)

Have a look what the booklet for
Hex(2BD437) contains.

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Color

Hex(2BD437)

Conversions

Conversions Part 1

Format	Color
Hex	2BD437
RGB	43, 212, 55
RGB Percent	17%, 83%, 22%
CMY	0.8314, 0.1686, 0.7843
CMYK	0.80, 0.00, 0.74, 0.17
HSL	124°, 66%, 50%
HSV	124°, 80%, 83%
XYZ	25.2293, 47.8764, 11.5258
YIQ	143.5710, -50.3270, -84.6550

Conversions

Conversions Part 2

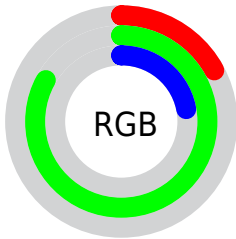
Format	Color
RYB	43, 201, 212
Decimal	2872375
CIELab	74.75, -69.81, 61.85
CIELCh	75, 93.272, 138.461
Yxy	47.8764, 0.2981, 0.5657
Android (android.graphics.Color)	4281062455 (0xFF2BD437)
YUV	143.5710, -43.6655, -88.2008
Hunter-Lab	69.1928, -56.0020, 38.5587

Details

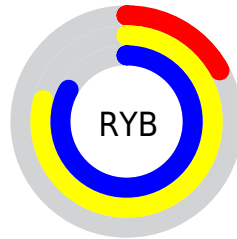
The Hex color **2BD437** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D42BC8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **77FF70**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **16D423**, and if you desaturate by 10%, it is **40D44B**.

Distribution



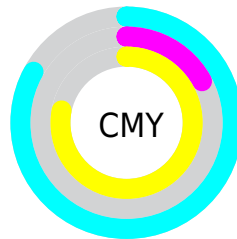
- Red (17%)
- Green (83%)
- Blue (22%)



- Red (17%)
- Yellow (79%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (74%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD437 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 2BD437 by changing the saturation by 10% instead.



2BD437



2BD437

FFFFFF



00B814



77FF70



009C00



97FF8B



008000



B6FFA7



006600



D5FFC4



004C00



F4FFE1



003400

FFFFFFE



001900



000000



2BD437



2BD437

 16D423

 40D44B

 01D410

 55D45E

 00D40F

 6BD472

 80D486

 95D499

 AAD4AD

 BFD4C1

 D5D4D5

 EAD4E8

Harmonies

Analogous

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



ABC400



2BD437



00DC93

Triad

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



2BD437



00CCFF



FF5887

Complementary

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



2BD437



D42BC8

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.



FF59DD



2BD437



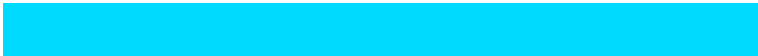
5AB0FF

Square

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



2BD437



00DAFF



FC85FF



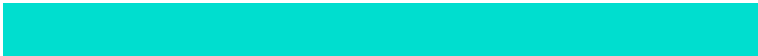
FF8035

Rectangle

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



2BD437



00DECF



FC85FF



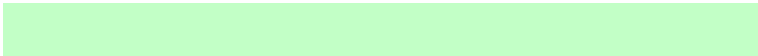
FF51A3

Sweetspot

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



2BD437



C2FFC6



C9D42B



5B805D



000000



808080

Same Dimension

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



2BD437



0AFF1C



2BD48B



606B61



00AB0C



002B03

Inverse Universe

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



D42BC8



FF0AEE



D42B74



6B606A



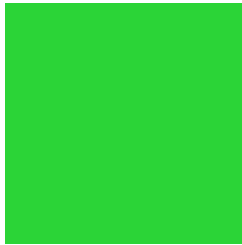
AB009F



2B0028

Previews

White Background



This preview shows how the Hex color 2BD437 looks on a white background.

Color Contrast Check

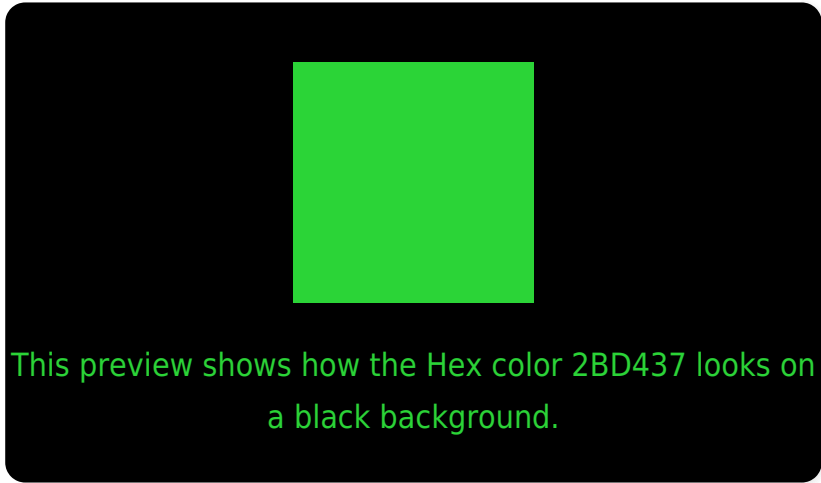
Large Text (above 18pt) WCAG AA × Fail

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 2BD437 Background



This preview shows how black text looks on a background with the Hex color 2BD437.



This preview shows how white text looks on a background with the Hex color 2BD437.

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](#).

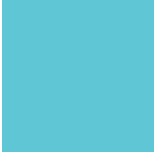
Dichromacy



Original Color
2BD437

Protanopia
CDB72F

Deuteranopia
E3AD46



Tritanopia
5FC6D6

Trichromacy



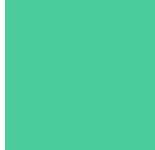
Original Color
2BD437



Protanomaly
92C232



Deuteranomaly
A0BB41



Tritanomaly
4CCB9C

Monochromacy



Original Color
2BD437



Achromatopsia
909090



Achromatomaly
6BA970

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD437 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 #2BD437 looks like.

```
.text, #text, p{  
    color:#2BD437  
}
```

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 #2BD437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD437
}
```

Border

The CSS property to change the border of an element to Hex 2BD437 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
#2BD437 }
```

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

```
.border{ border-color:#2BD437 }
```

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

Here you see how a box with a 4 pixel #2BD437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD437; -webkit-box-shadow:4px 4px  
4px 4px #2BD437; box-shadow:4px 4px 4px  
4px #2BD437 }
```

Background

The CSS property to change the background color of an element to Hex 2BD437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD437 }
```

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

```
.background{ background-color:#2BD437 }
```

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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