

Converting Colors

Hex(B2D647)

Have a look what the booklet for
Hex(B2D647) contains.

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Color

Hex(B2D647)

Conversions

Conversions Part 1

Format	Color
Hex	B2D647
RGB	178, 214, 71
RGB Percent	70%, 84%, 28%
CMY	0.3020, 0.1608, 0.7216
CMYK	0.17, 0.00, 0.67, 0.16
HSL	75°, 64%, 56%
HSV	75°, 67%, 84%
XYZ	43.5440, 58.0130, 14.8639
YIQ	186.9340, 24.4470, -52.1050

Conversions

Conversions Part 2

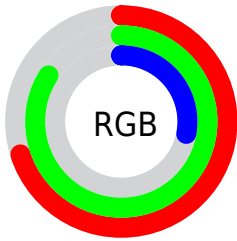
Format	Color
RYB	71, 214, 107
Decimal	11720263
CIELab	80.75, -31.56, 63.82
CIELCh	81, 71.200, 116.312
Yxy	58.0130, 0.3740, 0.4983
Android (android.graphics.Color)	4289910343 (0xFFB2D647)
YUV	186.9340, -57.1555, -7.8351
Hunter-Lab	76.1663, -31.2432, 41.7460

Details

The Hex color **B2D647** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **6B47D6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ECFF7E**, and **7A9F00** is the 20% darker color. If you saturate the color by 10%, you get **ADD632**, and if you desaturate by 10%, it is **B7D65C**.

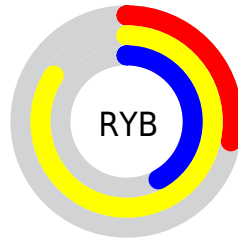
Distribution



Red (70%)

Green (84%)

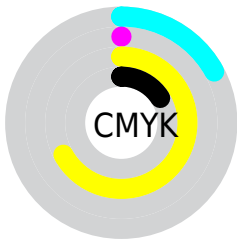
Blue (28%)



Red (28%)

Yellow (84%)

Blue (42%)

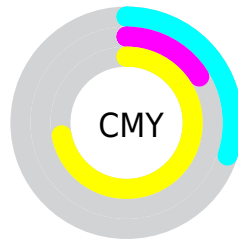


Cyan (17%)

Magenta (0%)

Yellow (67%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D647 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 B2D647 by changing the saturation by 10% instead.

 B2D647

 B2D647

FFFFFF

 96BA29

 ECFF7E

 7A9F00

 FFFF9A

 5E8500

 FFFFB7

 436C00

 FFFFDD

 275300

 FFFFF0

 053C00

 002600

 000500

 000000

 B2D647

 B2D647

 ADD632

 B7D65C

 A7D61C

 BDD672

 A2D607

 C2D687

 A0D600

 C8D69D

 CDD6B2

 D2D6C7

 D8D6DD

 DDD6F2

 E2D6FF

Harmonies

Analogous

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



F3C238



B2D647



58E27B

Triad

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



B2D647



00E2FF



FF8BD4

Complementary

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



B2D647



6B47D6

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.



FF9EFF



B2D647



00D2FF

Square

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



B2D647



00E8FF



BBBAFF



FF9191

Rectangle

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



B2D647



00E7A7



BBBAFF



FF8FEA

Sweetspot

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



B2D647



F2FFCC



D66B47



788061



000000



808080

Same Dimension

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



B2D647



CCFF33



6BD647



686B60



80AB00



202B00

Inverse Universe

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



6B47D6



6633FF



B247D6



63606B



2B00AB



0B002B

Previews

White Background



This preview shows how the Hex color B2D647 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 B2D647 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 B2D647 Background



This preview shows how black text looks on a background with the Hex color B2D647.

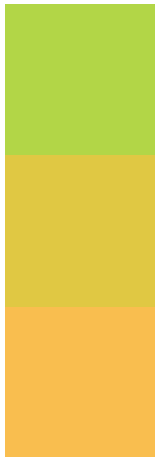


This preview shows how white text looks on a background with the Hex color B2D647.

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
B2D647

Protanopia
E0C843

Deuteranopia
F9BE4F



Tritanopia
C2C8D8

Trichromacy



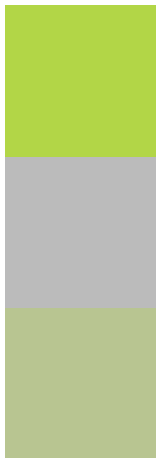
Original Color
B2D647

Protanomaly
CFCD44

Deuteranomaly
DFC74C

Tritanomaly
BCCDA3

Monochromacy



Original Color
B2D647

Achromatopsia
BBBBBB

Achromatomaly
B8C591

CSS Examples

Text

The CSS property to change the color of the text to Hex B2D647 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 #B2D647 looks like.

```
.text, #text, p{  
    color:#B2D647  
}
```

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 #B2D647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D647
}
```

Border

The CSS property to change the border of an element to Hex B2D647 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
#B2D647 }
```

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

```
.border{ border-color:#B2D647 }
```

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

Here you see how a box with a 4 pixel #B2D647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D647; -webkit-box-shadow:4px 4px  
4px 4px #B2D647; box-shadow:4px 4px 4px  
4px #B2D647 }
```

Background

The CSS property to change the background color of an element to Hex B2D647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D647 }
```

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

```
.background{ background-color:#B2D647 }
```

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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