

Converting Colors

Hex(B2E85D)

Have a look what the booklet for
Hex(B2E85D) contains.

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Color

Hex(B2E85D)

Conversions

Conversions Part 1

Format	Color
Hex	B2E85D
RGB	178, 232, 93
RGB Percent	70%, 91%, 36%
CMY	0.3020, 0.0902, 0.6353
CMYK	0.23, 0.00, 0.60, 0.09
HSL	83°, 75%, 64%
HSV	83°, 60%, 91%
XYZ	49.1925, 67.9685, 20.8824
YIQ	200.0080, 12.4350, -54.6770

Conversions

Conversions Part 2

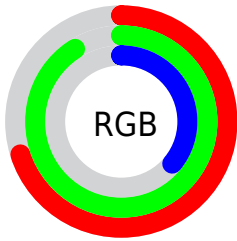
Format	Color
R_{YB}	93, 232, 147
Decimal	11724893
CIE _{Lab}	85.99, -38.17, 60.51
CIE _{LCh}	86, 71.543, 122.246
Yxy	67.9685, 0.3564, 0.4924
Android (android.graphics.Color)	4289914973 (0xFFB2E85D)
YUV	200.0080, -52.7549, -19.3010
Hunter-Lab	82.4430, -37.7671, 42.6922

Details

The Hex color **B2E85D** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **935DE8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **ECFF94**, and **7AB024** is the 20% darker color. If you saturate the color by 10%, you get **A9E846**, and if you desaturate by 10%, it is **BBE874**.

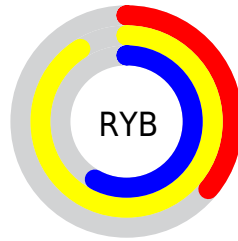
Distribution



Red (70%)

Green (91%)

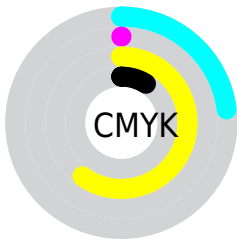
Blue (36%)



Red (36%)

Yellow (91%)

Blue (58%)

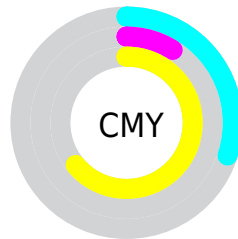


Cyan (23%)

Magenta (0%)

Yellow (60%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E85D 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 B2E85D by changing the saturation by 10% instead.

 B2E85D

 B2E85D

FFFFFF

 96CC41

 ECFF94

 7AB024

 FFFFB0

 5E9500

 FFFFCC

 427B00

 FFFFEE9

 266200

 004900

 003200

 001D00

 000000

 B2E85D

 B2E85D

 A9E846

 BBE874

 A0E82F

 C4E88B

 97E817

 CDE8A3

 8EE800

 D6E8BA

 DFE8D1

 E8E8E8

 F1E8FF

 FAE8FF

 FFE8FF

Harmonies

Analogous

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



F7D545



B2E85D



4CF395

Triad

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



B2E85D



00EEFF



FF99D5

Complementary

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



B2E85D



935DE8

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.



FFA8FF



B2E85D



47DDFF

Square

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



B2E85D



00F7FF



E0C3FF



FFA393

Rectangle

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



B2E85D



00F7C3



E0C3FF



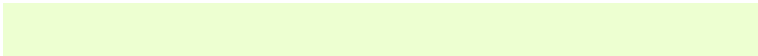
FF9CEC

Sweetspot

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



B2E85D



EDFFD1



E8925D



758063



000000



808080

Same Dimension

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



B2E85D



B8FF47



6DE85D



6E7367



6DB300



1F3300

Inverse Universe

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



935DE8



8F47FF



D85DE8



6C6773



4500B3



140033

Previews

White Background



This preview shows how the Hex color B2E85D 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 B2E85D 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 B2E85D Background



This preview shows how black text looks on a background with the Hex color B2E85D.

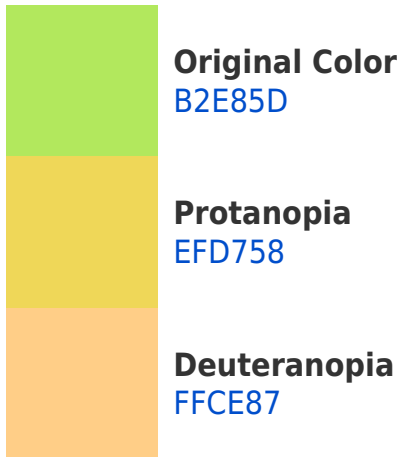


This preview shows how white text looks on a background with the Hex color B2E85D.

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



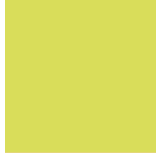


Tritanopia
C4DAEB

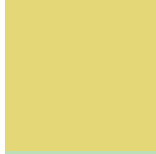
Trichromacy



Original Color
B2E85D



Protanomaly
D9DD5A



Deuteranomaly
E3D778

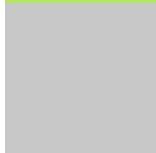


Tritanomaly
BDDFB7

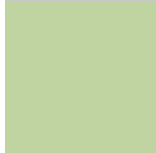
Monochromacy



Original Color
B2E85D



Achromatopsia
C8C8C8



Achromatomaly
C0D4A1

CSS Examples

Text

The CSS property to change the color of the text to Hex B2E85D 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 #B2E85D looks like.

```
.text, #text, p{  
    color:#B2E85D  
}
```

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 #B2E85D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E85D
}
```

Border

The CSS property to change the border of an element to Hex B2E85D 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
#B2E85D }
```

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

```
.border{ border-color:#B2E85D }
```

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

Here you see how a box with a 4 pixel #B2E85D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E85D; -webkit-box-shadow:4px 4px  
4px 4px #B2E85D; box-shadow:4px 4px 4px  
4px #B2E85D }
```

Background

The CSS property to change the background color of an element to Hex B2E85D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E85D }
```

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

```
.background{ background-color:#B2E85D }
```

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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