

Converting Colors

Hex(B2EA56)

Have a look what the booklet for
Hex(B2EA56) contains.

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Color

Hex(B2EA56)

Conversions

Conversions Part 1

Format	Color
Hex	B2EA56
RGB	178, 234, 86
RGB Percent	70%, 92%, 34%
CMY	0.3020, 0.0824, 0.6627
CMYK	0.24, 0.00, 0.63, 0.08
HSL	83°, 78%, 63%
HSV	83°, 63%, 92%
XYZ	49.4626, 68.9825, 19.5121
YIQ	200.3840, 14.1320, -57.9000

Conversions

Conversions Part 2

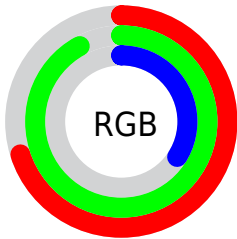
Format	Color
RYB	86, 234, 142
Decimal	11725398
CIELab	86.50, -39.61, 63.96
CIElCh	86, 75.233, 121.773
Yxy	68.9825, 0.3585, 0.5000
Android (android.graphics.Color)	4289915478 (0xFFB2EA56)
YUV	200.3840, -56.3913, -19.6308
Hunter-Lab	83.0557, -39.0444, 44.2101

Details

The Hex color **B2EA56** 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 **8E56EA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EDFF8D**, and **79B218** is the 20% darker color. If you saturate the color by 10%, you get **A9EA3F**, and if you desaturate by 10%, it is **BBEA6D**.

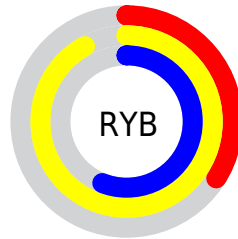
Distribution



Red (70%)

Green (92%)

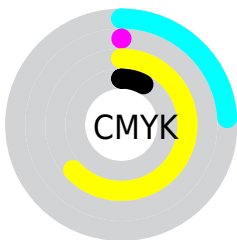
Blue (34%)



Red (34%)

Yellow (92%)

Blue (56%)

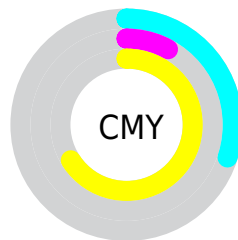


Cyan (24%)

Magenta (0%)

Yellow (63%)

Black (8%)



Cyan (30%)

Magenta (8%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EA56 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 B2EA56 by changing the saturation by 10% instead.

 B2EA56

 B2EA56

FFFFFF

 95CE39

 EDFF8D

 79B218

 FFFFAA

 5D9700

 FFFFC6

 417D00

 FFFFEE3

 246300

 004B00

 003400

 001F00

 000000

 B2EA56

 B2EA56

 A9EA3F

 BBEA6D

 A0EA27

 C4EA85

 97EA10

 CDEA9C

 91EA00

 D5EAB4

 DEEACB

 E7EAE2

 F0EAFA

 F9EAFF

 FFEAFF

Harmonies

Analogous

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



FAD63C



B2EA56



41F692

Triad

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



B2EA56



00F1FF



FF96D7

Complementary

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



B2EA56



8E56EA

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.



FFA6FF



B2EA56



1EDFFF

Square

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



B2EA56



00FAFF



E0C4FF



FFA191

Rectangle

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



B2EA56



00FAC2



E0C4FF



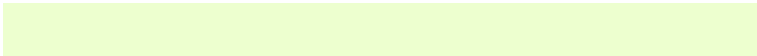
FF99EF

Sweetspot

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



B2EA56



EDFFCF



EA8C56



748062



000000



808080

Same Dimension

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



B2EA56



B6FF3D



6AEA56



71756A



71B500



213600

Inverse Universe

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



8E56EA



873DFF



D656EA



6E6A75



4500B5



140036

Previews

White Background



This preview shows how the Hex color B2EA56 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 B2EA56 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 B2EA56 Background



This preview shows how black text looks on a background with the Hex color B2EA56.

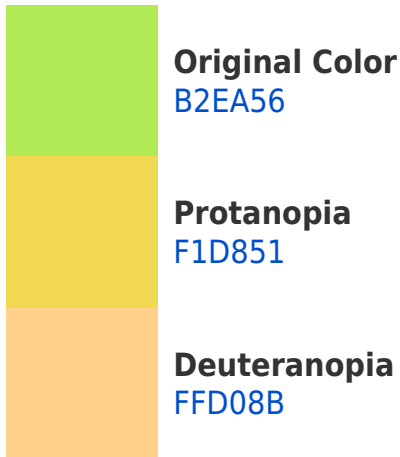


This preview shows how white text looks on a background with the Hex color B2EA56.

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



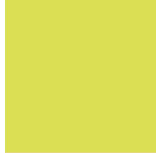


Tritanopia
C5DBED

Trichromacy



Original Color
B2EA56



Protanomaly
DADF53



Deuteranomaly
E3D978

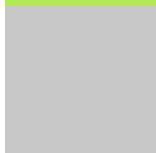


Tritanomaly
BEE0B6

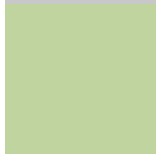
Monochromacy



Original Color
B2EA56



Achromatopsia
C8C8C8



Achromatomaly
C0D49F

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EA56 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 #B2EA56 looks like.

```
.text, #text, p{  
    color:#B2EA56  
}
```

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 #B2EA56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EA56
}
```

Border

The CSS property to change the border of an element to Hex B2EA56 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
#B2EA56 }
```

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

```
.border{ border-color:#B2EA56 }
```

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

Here you see how a box with a 4 pixel #B2EA56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EA56; -webkit-box-shadow:4px 4px  
4px 4px #B2EA56; box-shadow:4px 4px 4px  
4px #B2EA56 }
```

Background

The CSS property to change the background color of an element to Hex B2EA56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EA56 }
```

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

```
.background{ background-color:#B2EA56 }
```

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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