

Converting Colors

Hex(B2EA15)

Have a look what the booklet for
Hex(B2EA15) contains.

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Color

Hex(B2EA15)

Conversions

Conversions Part 1

Format	Color
Hex	B2EA15
RGB	178, 234, 21
RGB Percent	70%, 92%, 8%
CMY	0.3020, 0.0824, 0.9176
CMYK	0.24, 0.00, 0.91, 0.08
HSL	76°, 84%, 50%
HSV	76°, 91%, 92%
XYZ	47.9183, 68.3648, 11.3796
YIQ	192.9740, 34.9970, -78.1150

Conversions

Conversions Part 2

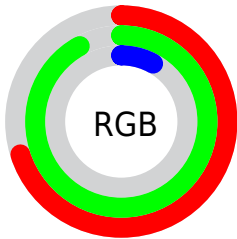
Format	Color
R _Y B	21, 234, 77
Decimal	11725333
CIE Lab	86.19, -42.52, 81.98
CIE LCh	86, 92.351, 117.415
Yxy	68.3648, 0.3754, 0.5355
Android (android.graphics.Color)	4289915413 (0xFFB2EA15)
YUV	192.9740, -84.7832, -13.1322
Hunter-Lab	82.6830, -41.2469, 49.7180

Details

The Hex color **B2EA15** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4D15EA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EEFF60**, and **77B200** is the 20% darker color. If you saturate the color by 10%, you get **ACEA00**, and if you desaturate by 10%, it is **B8EA2C**.

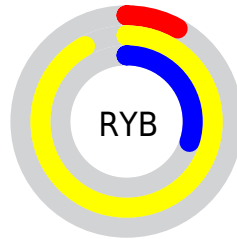
Distribution



Red (70%)

Green (92%)

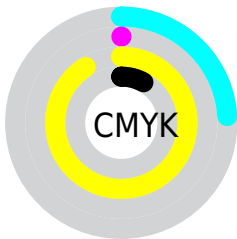
Blue (8%)



Red (8%)

Yellow (92%)

Blue (30%)

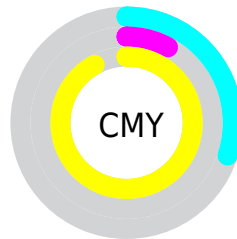


Cyan (24%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (30%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EA15 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 B2EA15 by changing the saturation by 10% instead.

 B2EA15

 B2EA15

FFFFFF

 95CE00

 EEEF60

 77B200

 FFFF7E

 5A9700

 FFFF9B

 3C7D00

 FFFFB8

 196300

 FFFFDD

 004B00

 FFFFF4

 003300

 001E00

 000000

 B2EA15

 B2EA15

 ACEA00

 B8EA2C

 BEEA44

 C4EA5B

 CBEA73

 D1EA8A

 D7EAA1

 DDEAB9

 E3EAD0

 E9EAE8

Harmonies

Analogous

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



FFD100



B2EA15



00F873

Triad

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



B2EA15



00F8FF



FF7CE3

Complementary

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



B2EA15



4D15EA

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.



FF9AFF



B2EA15



00E5FF

Square

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



B2EA15



00FFFF



C5C4FF



FF888D

Rectangle

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



B2EA15



00FEAE



C5C4FF



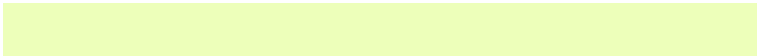
FF82FF

Sweetspot

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



B2EA15



EDFFBA



EA4A15



758057



000000



808080

Same Dimension

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



B2EA15



BCFF00



4AEA15



72756A



85B500



273600

Inverse Universe

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



4D15EA



4300FF



B515EA



6D6A75



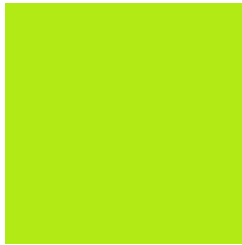
3000B5



0E0036

Previews

White Background



This preview shows how the Hex color B2EA15 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 B2EA15 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 B2EA15 Background



This preview shows how black text looks on a background with the Hex color B2EA15.



This preview shows how white text looks on a background with the Hex color B2EA15.

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
B2EA15

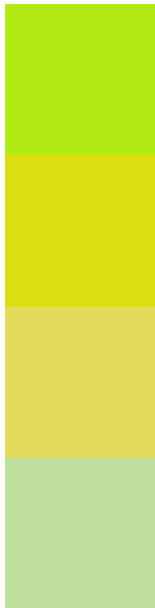
Protanopia
F2D70B

Deuteranopia
FFCF82



Tritanopia
C7DAEB

Trichromacy



Original Color
B2EA15

Protanomaly
DBDE0F

Deuteranomaly
E3D95A

Tritanomaly
BFE09D

Monochromacy



Original Color
B2EA15

Achromatopsia
C1C1C1

Achromatomaly
BCD082

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EA15 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 #B2EA15 looks like.

```
.text, #text, p{  
    color:#B2EA15  
}
```

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 #B2EA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EA15
}
```

Border

The CSS property to change the border of an element to Hex B2EA15 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
#B2EA15 }
```

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

```
.border{ border-color:#B2EA15 }
```

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

Here you see how a box with a 4 pixel #B2EA15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EA15; -webkit-box-shadow:4px 4px  
4px 4px #B2EA15; box-shadow:4px 4px 4px  
4px #B2EA15 }
```

Background

The CSS property to change the background color of an element to Hex B2EA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EA15 }
```

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

```
.background{ background-color:#B2EA15 }
```

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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