

Converting Colors

Hex(B3E128)

Have a look what the booklet for
Hex(B3E128) contains.

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Color

Hex(B3E128)

Conversions

Conversions Part 1

Format	Color
Hex	B3E128
RGB	179, 225, 40
RGB Percent	70%, 88%, 16%
CMY	0.2980, 0.1176, 0.8431
CMYK	0.20, 0.00, 0.82, 0.12
HSL	75°, 76%, 52%
HSV	75°, 82%, 88%
XYZ	45.8986, 63.5873, 11.8620
YIQ	190.1560, 31.9690, -67.2870

Conversions

Conversions Part 2

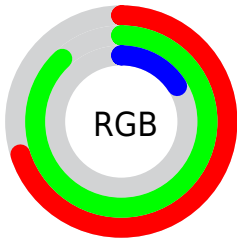
Format	Color
RYB	40, 225, 86
Decimal	11788584
CIELab	83.75, -37.68, 76.46
CIELCh	84, 85.245, 116.236
Yxy	63.5873, 0.3782, 0.5240
Android (android.graphics.Color)	4289978664 (0xFFB3E128)
YUV	190.1560, -74.0269, -9.7838
Hunter-Lab	79.7417, -36.8048, 46.9995

Details

The Hex color **B3E128** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **5628E1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **EEFF68**, and **79AA00** is the 20% darker color. If you saturate the color by 10%, you get **ADE112**, and if you desaturate by 10%, it is **B9E13F**.

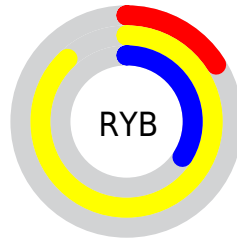
Distribution



Red (70%)

Green (88%)

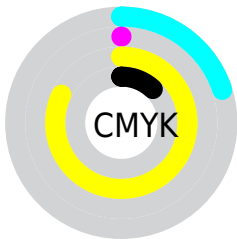
Blue (16%)



Red (16%)

Yellow (88%)

Blue (34%)

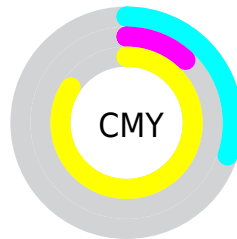


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E128 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 B3E128 by changing the saturation by 10% instead.

 B3E128

 B3E128

FFFFFF

 96C500

 EEFF68

 79AA00

 FFFF85

 5C8F00

 FFFFA2

 407500

 FFFFBF

 205C00

 FFFFDC

 004400

 FFFFFA

 002D00

 001600

 000000

 B3E128

 B3E128

 ADE112

 B9E13F

 A9E100

 BEE155

 C4E16C

 C9E182

 CFE199

 D5E1AF

 DAE1C6

 E0E1DC

 E5E1F3

Harmonies

Analogous

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



FFCA00



B3E128



32EF72

Triad

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



B3E128



00EFFF



FF81DE

Complementary

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



B3E128



5628E1

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.



FF9BFF



B3E128



00DDFF

Square

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



B3E128



00F6FF



BCC0FF



FF898F

Rectangle

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



B3E128



00F4A8



BCC0FF



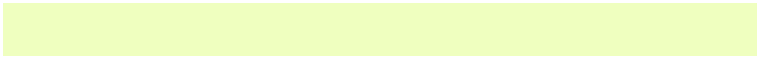
FF86F9

Sweetspot

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



B3E128



EFFFBF



E15328



768059



000000



808080

Same Dimension

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



B3E128



C0FF03



59E128



6D7065



84B000



243000

Inverse Universe

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



5628E1



4103FF



B028E1



686570



2C00B0



0C0030

Previews

White Background



This preview shows how the Hex color B3E128 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 B3E128 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 B3E128 Background



This preview shows how black text looks on a background with the Hex color B3E128.



This preview shows how white text looks on a background with the Hex color B3E128.

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
B3E128

Protanopia
EAD124

Deuteranopia
FFC760



Tritanopia
C6D1E2

Trichromacy



Original Color
B3E128



Protanomaly
D6D725



Deuteranomaly
E3D04C

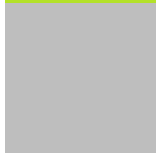


Tritanomaly
BFD79E

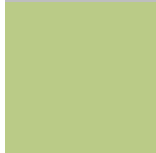
Monochromacy



Original Color
B3E128



Achromatopsia
BEBEBE



Achromatomaly
BACB87

CSS Examples

Text

The CSS property to change the color of the text to Hex B3E128 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 #B3E128 looks like.

```
.text, #text, p{  
    color:#B3E128  
}
```

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 #B3E128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E128
}
```

Border

The CSS property to change the border of an element to Hex B3E128 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
#B3E128 }
```

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

```
.border{ border-color:#B3E128 }
```

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

Here you see how a box with a 4 pixel #B3E128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E128; -webkit-box-shadow:4px 4px  
4px 4px #B3E128; box-shadow:4px 4px 4px  
4px #B3E128 }
```

Background

The CSS property to change the background color of an element to Hex B3E128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E128 }
```

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

```
.background{ background-color:#B3E128 }
```

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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