

Converting Colors

Hex(B0E53F)

Have a look what the booklet for
Hex(B0E53F) contains.

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Color

Hex(**B0E53F**)

Conversions

Conversions Part 1

Format	Color
Hex	B0E53F
RGB	176, 229, 63
RGB Percent	69%, 90%, 25%
CMY	0.3098, 0.1020, 0.7529
CMYK	0.23, 0.00, 0.72, 0.10
HSL	79°, 76%, 57%
HSV	79°, 72%, 90%
XYZ	46.8210, 65.6276, 14.9023
YIQ	194.2290, 21.6980, -62.8620

Conversions

Conversions Part 2

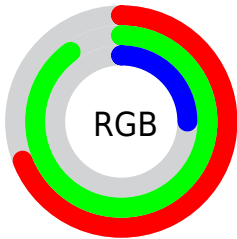
Format	Color
RYB	63, 229, 116
Decimal	11593023
CIELab	84.81, -39.62, 70.73
CIElCh	85, 81.077, 119.257
Yxy	65.6276, 0.3677, 0.5153
Android (android.graphics.Color)	4289783103 (0xFFB0E53F)
YUV	194.2290, -64.6959, -15.9868
Hunter-Lab	81.0109, -38.6032, 45.8010

Details

The Hex color **B0E53F** 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 **743FE5**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EBFF79**, and **77AD00** is the 20% darker color. If you saturate the color by 10%, you get **A9E528**, and if you desaturate by 10%, it is **B7E556**.

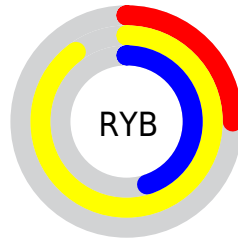
Distribution



Red (69%)

Green (90%)

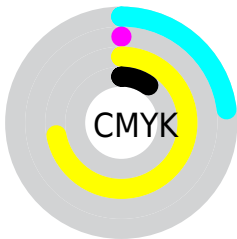
Blue (25%)



Red (25%)

Yellow (90%)

Blue (45%)

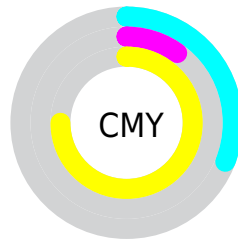


Cyan (23%)

Magenta (0%)

Yellow (72%)

Black (10%)



Cyan (31%)

Magenta (10%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E53F 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 B0E53F by changing the saturation by 10% instead.

 B0E53F

 B0E53F

FFFFFF

 93C91C

 EBFF79

 77AD00

 FFFF95

 5A9200

 FFFFB2

 3E7800

 FFFFCE

 1E5F00

 FFFFEC

 004700

 003000

 001900

 000000

 B0E53F

 B0E53F

 A9E528

 B7E556

 A1E511

 BFE56D

 9CE500

 C6E584

 CDE59B

 D5E5B2

 DCE5C8

 E3E5DF

 EAE5F6

 F2E5FF

Harmonies

Analogous

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



FCCF22



B0E53F



31F281

Triad

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



B0E53F



00EFFF



FF89D9

Complementary

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



B0E53F



743FE5

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



B0E53F



00DDFF

Square

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



B0E53F



00F7FF



CFC0FF



FF948D

Rectangle

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



B0E53F



00F6B5



CFC0FF



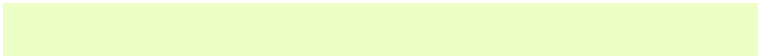
FF8DF3

Sweetspot

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



B0E53F



EDFFC7



E5743F



75805E



000000



808080

Same Dimension

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



B0E53F



B8FF21



5DE53F



6F7367



7AB300



233300

Inverse Universe

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



743FE5



6821FF



C73FE5



6B6773



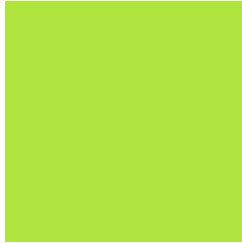
3900B3



100033

Previews

White Background



This preview shows how the Hex color B0E53F looks on a white background.

Color Contrast Check

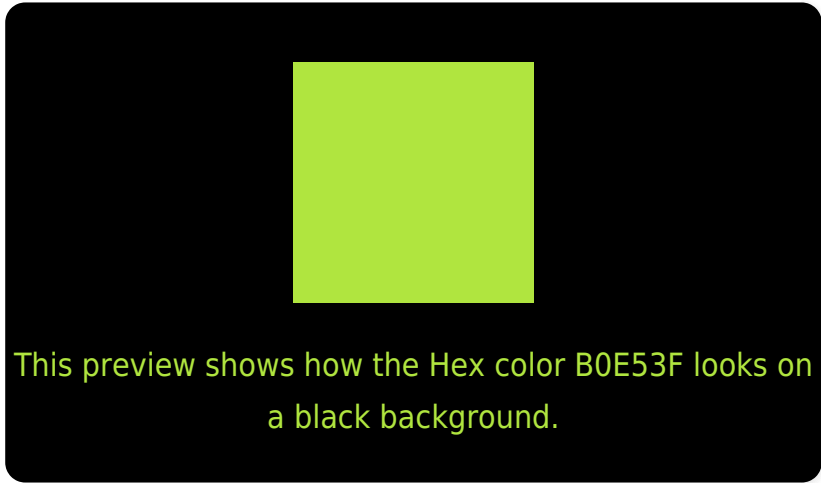
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B0E53F Background



This preview shows how black text looks on a background with the Hex color B0E53F.

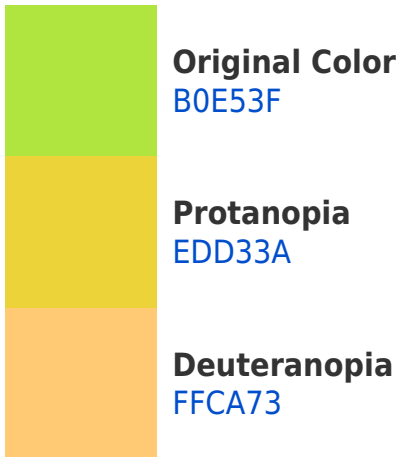


This preview shows how white text looks on a background with the Hex color B0E53F.

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](#).

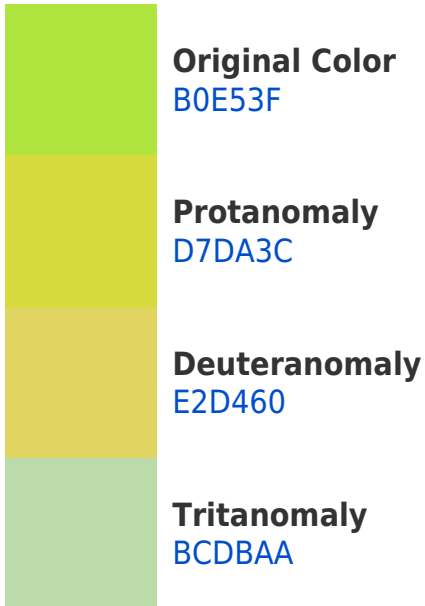
Dichromacy





Tritanopia
C3D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E53F 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 #B0E53F looks like.

```
.text, #text, p{  
    color:#B0E53F  
}
```

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 #B0E53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E53F
}
```

Border

The CSS property to change the border of an element to Hex B0E53F 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
#B0E53F }
```

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

```
.border{ border-color:#B0E53F }
```

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

Here you see how a box with a 4 pixel #B0E53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E53F; -webkit-box-shadow:4px 4px  
4px 4px #B0E53F; box-shadow:4px 4px 4px  
4px #B0E53F }
```

Background

The CSS property to change the background color of an element to Hex B0E53F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E53F }
```

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

```
.background{ background-color:#B0E53F }
```

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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