

Converting Colors

Hex(B3D61F)

Have a look what the booklet for
Hex(B3D61F) contains.

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Color

Hex(B3D61F)

Conversions

Conversions Part 1

Format	Color
Hex	B3D61F
RGB	179, 214, 31
RGB Percent	70%, 84%, 12%
CMY	0.2980, 0.1608, 0.8784
CMYK	0.16, 0.00, 0.86, 0.16
HSL	71°, 75%, 48%
HSV	71°, 86%, 84%
XYZ	42.8843, 57.7758, 10.1879
YIQ	182.6730, 37.8830, -64.3330

Conversions

Conversions Part 2

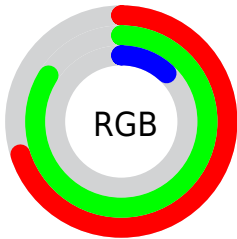
Format	Color
RYB	31, 214, 66
Decimal	11785759
CIELab	80.61, -32.95, 75.78
CIELCh	81, 82.631, 113.499
Yxy	57.7758, 0.3869, 0.5212
Android (android.graphics.Color)	4289975839 (0xFFB3D61F)
YUV	182.6730, -74.7748, -3.2212
Hunter-Lab	76.0104, -32.3102, 45.2604

Details

The Hex color **B3D61F** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **421FD6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **EEFF61**, and **799F00** is the 20% darker color. If you saturate the color by 10%, you get **AFD60A**, and if you desaturate by 10%, it is **B7D634**.

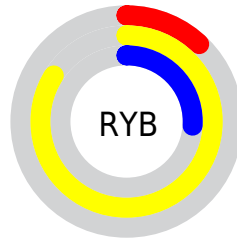
Distribution



Red (70%)

Green (84%)

Blue (12%)



Red (12%)

Yellow (84%)

Blue (26%)

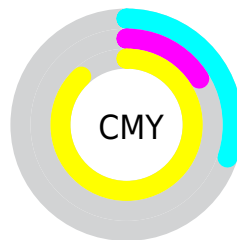


Cyan (16%)

Magenta (0%)

Yellow (86%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D61F 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 B3D61F by changing the saturation by 10% instead.

 B3D61F

 B3D61F

FFFFFF

 96BA00

 EEEF61

 799F00

 FFFF7E

 5D8500

 FFFF9B

 416C00

 FFFFB8

 235300

 FFFFD5

 003C00

 FFFFF3

 002600

 000400

 000000

 B3D61F

 B3D61F

 AFD60A

 B7D634

 ADD600

 BBD64A

 BFD65F

 C3D675

 C7D68A

 CCD69F

 D0D6B5

 D4D6CA

 D8D6E0

Harmonies

Analogous

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



FCBF05



B3D61F



44E466

Triad

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



B3D61F



00E6FF



FF7CDC

Complementary

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



B3D61F



421FD6

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.



FF97FF



B3D61F



00D6FF

Square

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



B3D61F



00ECFF



A6BBFF



FF818F

Rectangle

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



B3D61F



00E999



A6BBFF



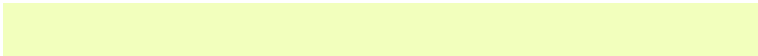
FF83F6

Sweetspot

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



B3D61F



F2FFBD



D6411F



788058



000000



808080

Same Dimension

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



B3D61F



CEFF00



59D61F



696B60



8AAB00



232B00

Inverse Universe

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



421FD6



3100FF



9C1FD6



62606B



2100AB



08002B

Previews

White Background



This preview shows how the Hex color B3D61F looks on a white background.

Color Contrast Check

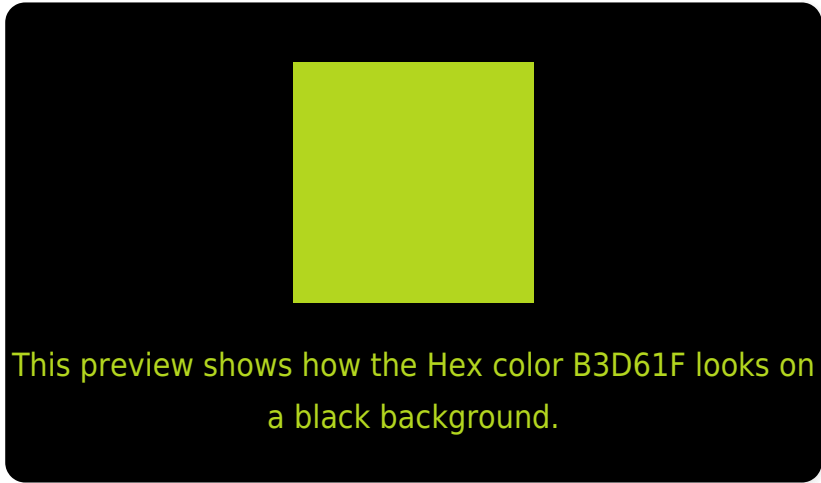
Large Text (above 18pt) WCAG AA × Fail

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 B3D61F Background



This preview shows how black text looks on a background with the Hex color B3D61F.

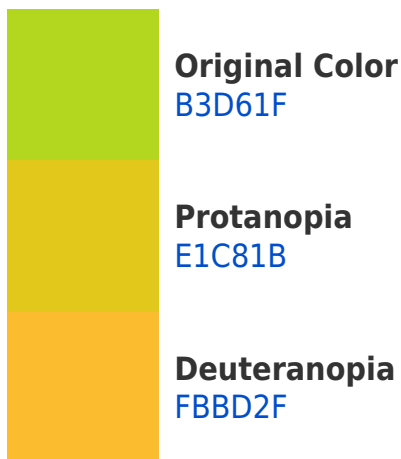


This preview shows how white text looks on a background with the Hex color B3D61F.

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
C4C7D7

Trichromacy



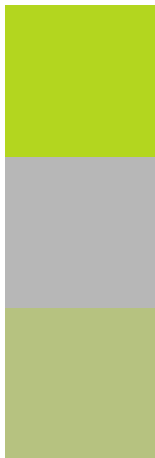
Original Color
B3D61F

Protanomaly
D0CD1C

Deuteranomaly
E1C629

Tritanomaly
BECC94

Monochromacy



Original Color
B3D61F

Achromatopsia
B7B7B7

Achromatomaly
B6C280

CSS Examples

Text

The CSS property to change the color of the text to Hex B3D61F 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 #B3D61F looks like.

```
.text, #text, p{  
    color:#B3D61F  
}
```

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 #B3D61F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D61F
}
```

Border

The CSS property to change the border of an element to Hex B3D61F 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
#B3D61F }
```

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

```
.border{ border-color:#B3D61F }
```

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

Here you see how a box with a 4 pixel #B3D61F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D61F; -webkit-box-shadow:4px 4px  
4px 4px #B3D61F; box-shadow:4px 4px 4px  
4px #B3D61F }
```

Background

The CSS property to change the background color of an element to Hex B3D61F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D61F }
```

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

```
.background{ background-color:#B3D61F }
```

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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