

Converting Colors

Hex(B3D64F)

Have a look what the booklet for
Hex(B3D64F) contains.

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Color

Hex(**B3D64F**)

Conversions

Conversions Part 1

Format	Color
Hex	B3D64F
RGB	179, 214, 79
RGB Percent	70%, 84%, 31%
CMY	0.2980, 0.1608, 0.6902
CMYK	0.16, 0.00, 0.63, 0.16
HSL	76°, 62%, 57%
HSV	76°, 63%, 84%
XYZ	44.0483, 58.2414, 16.3173
YIQ	188.1450, 22.4750, -49.4050

Conversions

Conversions Part 2

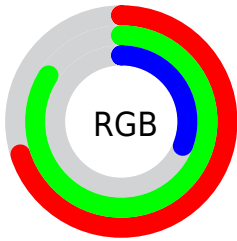
Format	Color
RYB	79, 214, 114
Decimal	11785807
CIELab	80.87, -30.62, 60.79
CIElCh	81, 68.067, 116.738
Yxy	58.2414, 0.3714, 0.4910
Android (android.graphics.Color)	4289975887 (0xFFB3D64F)
YUV	188.1450, -53.8085, -8.0202
Hunter-Lab	76.3160, -30.5260, 40.7443

Details

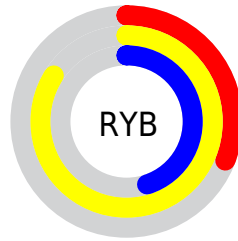
The Hex color **B3D64F** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **724FD6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EDFF86**, and **7B9F10** is the 20% darker color. If you saturate the color by 10%, you get **ADD63A**, and if you desaturate by 10%, it is **B9D664**.

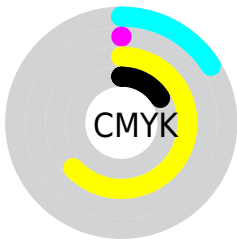
Distribution



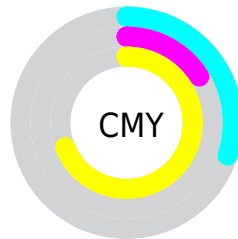
- Red (70%)
- Green (84%)
- Blue (31%)



- Red (31%)
- Yellow (84%)
- Blue (45%)



- Cyan (16%)
- Magenta (0%)
- Yellow (63%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D64F 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 B3D64F by changing the saturation by 10% instead.

 B3D64F

 B3D64F

FFFFFF

 97BA33

 EDFF86

 7B9F10

 FFFFA1

 608500

 FFFFBE

 456C00

 FFFFDA

 2A5300

 FFFFF8

 093C00

 002600

 000600

 000000

 B3D64F

 B3D64F

 ADD63A

 B9D664

 A8D624

 BED67A

 A2D60F

 C4D68F

 9FD600

 C9D6A5

 CFD6BA

 D4D6CF

 DAD6E5

 DFD6FA

 E5D6FF

Harmonies

Analogous

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



F1C341



B3D64F



5EE280

Triad

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



B3D64F



00E1FF



FF90D2

Complementary

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



B3D64F



724FD6

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.



FFA0FF



B3D64F



00D2FF

Square

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



B3D64F



00E7FF



BFBBFF



FF9593

Rectangle

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



B3D64F



00E6A9



BFBBFF



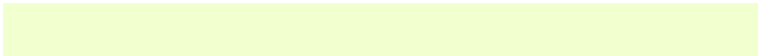
FF93E8

Sweetspot

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



B3D64F



F2FFCF



D6714F



788062



000000



808080

Same Dimension

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



B3D64F



CDFF3D



71D64F



686B60



7FAB00



202B00

Inverse Universe

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



724FD6



6F3DFF



B44FD6



63606B



2C00AB



0B002B

Previews

White Background



This preview shows how the Hex color B3D64F looks on a white background.

Color Contrast Check

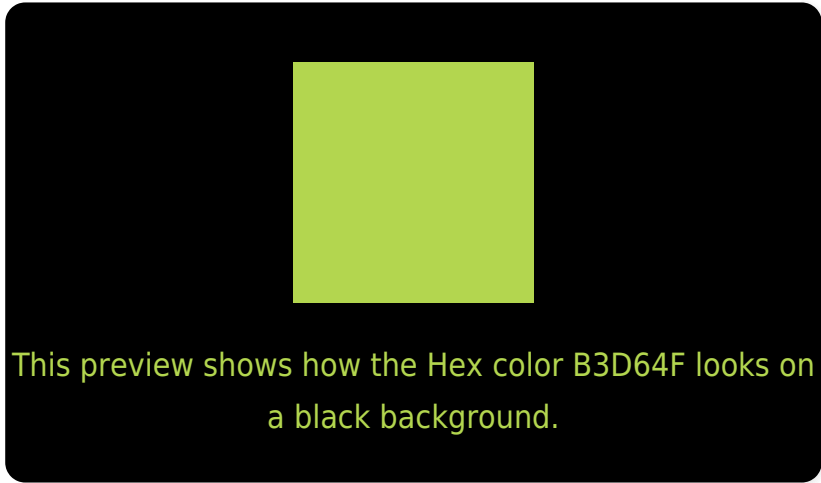
Large Text (above 18pt) WCAG AA × Fail

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 B3D64F Background



This preview shows how black text looks on a background with the Hex color B3D64F.

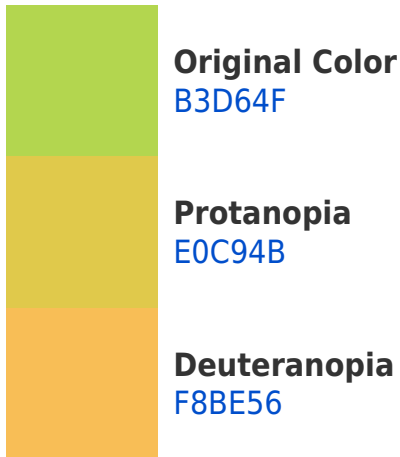


This preview shows how white text looks on a background with the Hex color B3D64F.

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
C3C8D8

Trichromacy



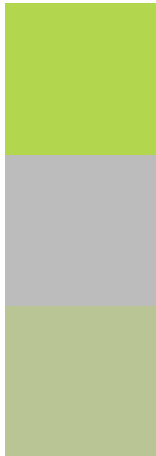
Original Color
B3D64F

Protanomaly
D0CE4C

Deuteranomaly
DFC753

Tritanomaly
BDCDA6

Monochromacy



Original Color
B3D64F

Achromatopsia
BCBCBC

Achromatomaly
B9C594

CSS Examples

Text

The CSS property to change the color of the text to Hex B3D64F 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 #B3D64F looks like.

```
.text, #text, p{  
    color:#B3D64F  
}
```

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 #B3D64F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D64F
}
```

Border

The CSS property to change the border of an element to Hex B3D64F 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
#B3D64F }
```

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

```
.border{ border-color:#B3D64F }
```

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

Here you see how a box with a 4 pixel #B3D64F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D64F; -webkit-box-shadow:4px 4px  
4px 4px #B3D64F; box-shadow:4px 4px 4px  
4px #B3D64F }
```

Background

The CSS property to change the background color of an element to Hex B3D64F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D64F }
```

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

```
.background{ background-color:#B3D64F }
```

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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