

Converting Colors

Hex(B2D164)

Have a look what the booklet for
Hex(B2D164) contains.

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Color

Hex(B2D164)

Conversions

Conversions Part 1

Format	Color
Hex	B2D164
RGB	178, 209, 100
RGB Percent	70%, 82%, 39%
CMY	0.3020, 0.1804, 0.6078
CMYK	0.15, 0.00, 0.52, 0.18
HSL	77°, 54%, 61%
HSV	77°, 52%, 82%
XYZ	43.4608, 55.9860, 20.5723
YIQ	187.3050, 16.5130, -40.4710

Conversions

Conversions Part 2

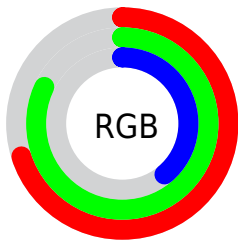
Format	Color
RYB	100, 209, 131
Decimal	11719012
CIELab	79.61, -26.89, 50.07
CIElCh	80, 56.838, 118.237
Yxy	55.9860, 0.3621, 0.4665
Android (android.graphics.Color)	4289909092 (0xFFB2D164)
YUV	187.3050, -43.0414, -8.1605
Hunter-Lab	74.8238, -27.2613, 36.0752

Details

The Hex color **B2D164** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8364D1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EBFF99**, and **7B9A30** is the 20% darker color. If you saturate the color by 10%, you get **ACD14F**, and if you desaturate by 10%, it is **B8D179**.

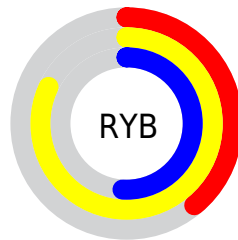
Distribution



Red (70%)

Green (82%)

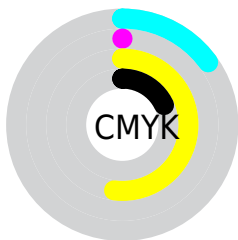
Blue (39%)



Red (39%)

Yellow (82%)

Blue (51%)

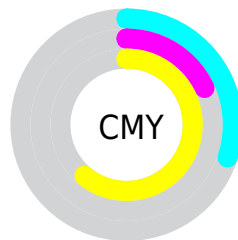


Cyan (15%)

Magenta (0%)

Yellow (52%)

Black (18%)



Cyan (30%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D164 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 B2D164 by changing the saturation by 10% instead.

 B2D164

 B2D164

FFFFFF

 96B54A

 EBFF99

 7B9A30

 FFFFB5

 608012

 FFFFDD

 466700

 FFFFEE

 2D4F00

 113800

 002300

 000000

 B2D164

 B2D164

 ACD14F

 B8D179

 A6D13A

 BED18E

 A0D125

 C4D1A3

 9AD110

 CAD1B8

 96D100

 D0D1CD

 D6D1E1

 DCD1F6

 E2D1FF

 E7D1FF

Harmonies

Analogous

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



E7C158



B2D164



6FDB8B

Triad

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



B2D164



00D9FF



FF99CB

Complementary

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



B2D164



8364D1

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.



FFA4FE



B2D164



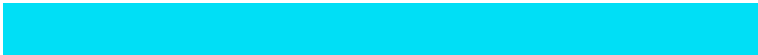
5ACCFE

Square

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



B2D164



00DFF6



C4B9FF



FF9D96

Rectangle

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



B2D164



1BDFAE



C4B9FF



FF9BDC

Sweetspot

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



B2D164



F3FFD6



D18364



798067



000000



808080

Same Dimension

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



B2D164



D1FF5E



7CD164



66695E



78A800



1D2900

Inverse Universe

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



8364D1



8C5EFF



B964D1



615E69



3000A8



0C0029

Previews

White Background



This preview shows how the Hex color B2D164 looks on a white background.

Color Contrast Check

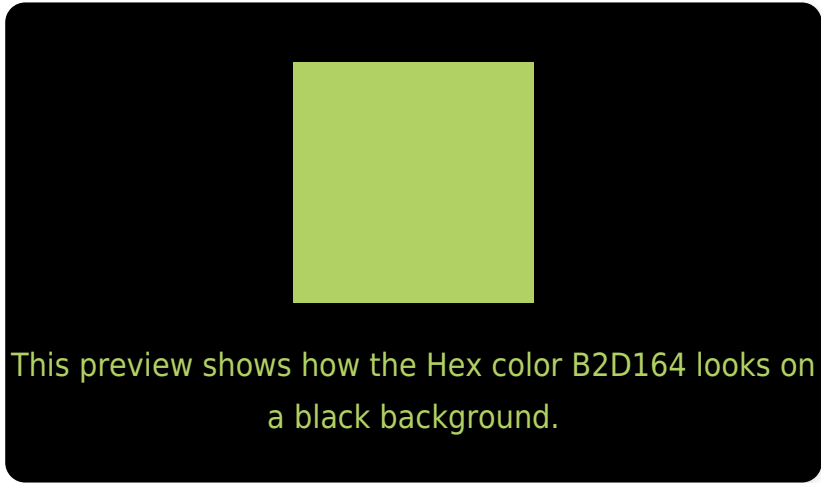
Large Text (above 18pt) WCAG AA × Fail

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 B2D164 Background



This preview shows how black text looks on a background with the Hex color B2D164.

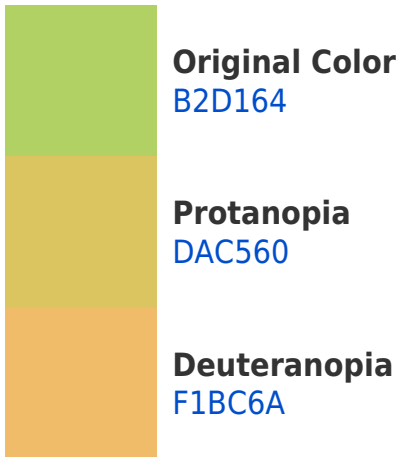


This preview shows how white text looks on a background with the Hex color B2D164.

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](#).

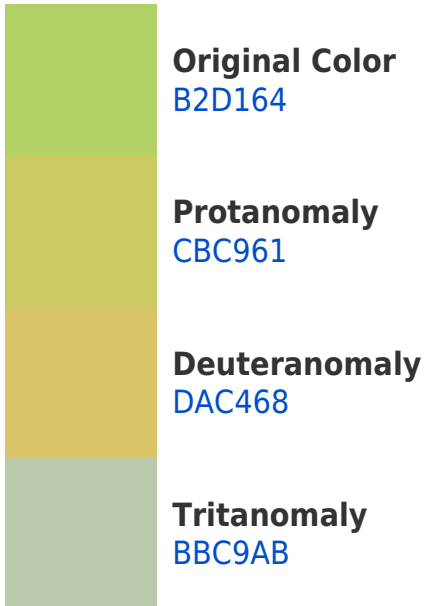
Dichromacy



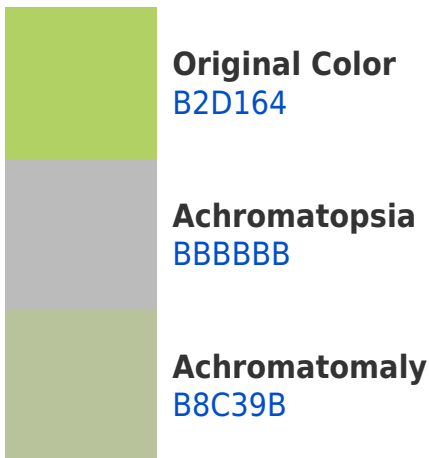


Tritanopia
C0C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D164 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 #B2D164 looks like.

```
.text, #text, p{  
    color:#B2D164  
}
```

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 #B2D164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D164
}
```

Border

The CSS property to change the border of an element to Hex B2D164 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
#B2D164 }
```

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

```
.border{ border-color:#B2D164 }
```

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

Here you see how a box with a 4 pixel #B2D164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D164; -webkit-box-shadow:4px 4px  
4px 4px #B2D164; box-shadow:4px 4px 4px  
4px #B2D164 }
```

Background

The CSS property to change the background color of an element to Hex B2D164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D164 }
```

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

```
.background{ background-color:#B2D164 }
```

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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