

Converting Colors

Hex(B1D396)

Have a look what the booklet for
Hex(B1D396) contains.

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Color

Hex(B1D396)

Conversions

Conversions Part 1

Format	Color
Hex	B1D396
RGB	177, 211, 150
RGB Percent	69%, 83%, 59%
CMY	0.3059, 0.1725, 0.4118
CMYK	0.16, 0.00, 0.29, 0.17
HSL	93°, 41%, 71%
HSV	93°, 29%, 83%
XYZ	46.9307, 58.1377, 37.6023
YIQ	193.8800, -0.6830, -26.1790

Conversions

Conversions Part 2

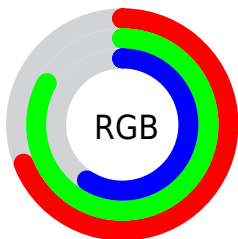
Format	Color
RYB	150, 211, 184
Decimal	11654038
CIELab	80.82, -22.11, 26.60
CIELCh	81, 34.595, 129.734
Yxy	58.1377, 0.3289, 0.4075
Android (android.graphics.Color)	4289844118 (0xFFB1D396)
YUV	193.8800, -21.6328, -14.8038
Hunter-Lab	76.2480, -23.5672, 24.1343

Details

The Hex color **B1D396** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B896D3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E9FFCD**, and **7C9C63** is the 20% darker color. If you saturate the color by 10%, you get **A5D381**, and if you desaturate by 10%, it is **BDD3AB**.

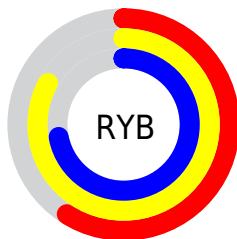
Distribution



Red (69%)

Green (83%)

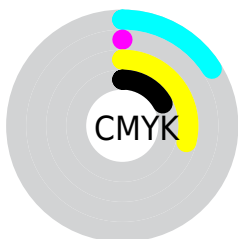
Blue (59%)



Red (59%)

Yellow (83%)

Blue (72%)

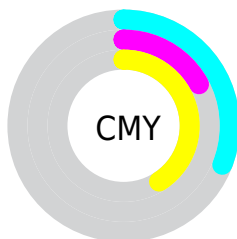


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (17%)



Cyan (31%)

Magenta (17%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D396 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 B1D396 by changing the saturation by 10% instead.

 B1D396

FFFFFF

 E9FFCD

 FFFFE9


 B1D396

 96B77C


 7C9C63

 62824A

 496933

 31511C

 1A3905

 012400

 000600

 000000

 B1D396

 B1D396

 A5D381

 BDD3AB

 99D36C

 C9D3C0

 8ED357

 D4D3D5

 82D342

 E0D3EA

 76D32D

 ECD3FF

 6AD317

 F8D3FF

 5FD302

 FFD3FF

 5DD300

Harmonies

Analogous

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



D5CA88



B1D396



8BD9B1

Triad

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



B1D396



7ED2FF



FFB0BF

Complementary

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



B1D396



B896D3

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.



FAB3E0



B1D396



AEC8FF

Square

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



B1D396



60D8F1



DBBDFA



FFB5A1

Rectangle

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



B1D396



73DAC7



DBBDFA



FFB1CA

Sweetspot

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



B1D396



F2FFE8



D3B896



788071



000000



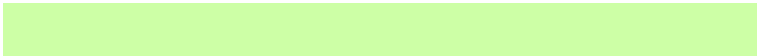
808080

Same Dimension

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



B1D396



CDFFA6



96D399



63695E



4AA800



122900

Inverse Universe

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



B896D3



D7A6FF



D396D0



645E69



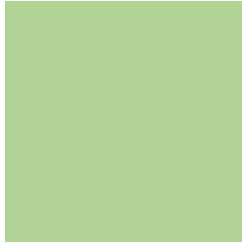
5E00A8



170029

Previews

White Background



This preview shows how the Hex color B1D396 looks on a white background.

Color Contrast Check

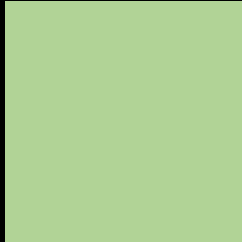
Large Text (above 18pt) WCAG AA × Fail

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 B1D396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

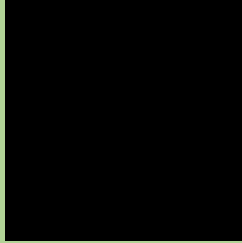
Any Text WCAG AA ✓ Pass

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 B1D396 Background



This preview shows how black text looks on a background with the Hex color B1D396.

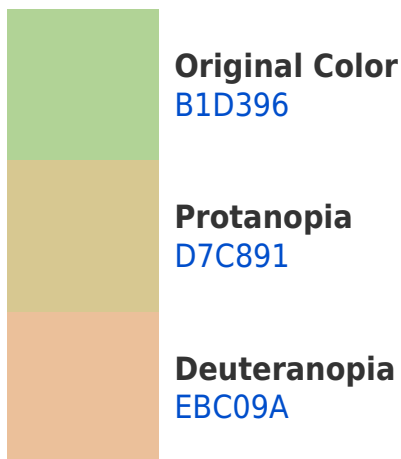


This preview shows how white text looks on a background with the Hex color B1D396.

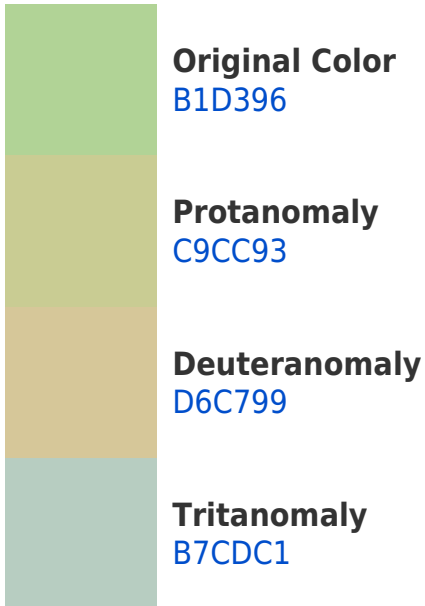
Color Blindness Simulation

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](#).

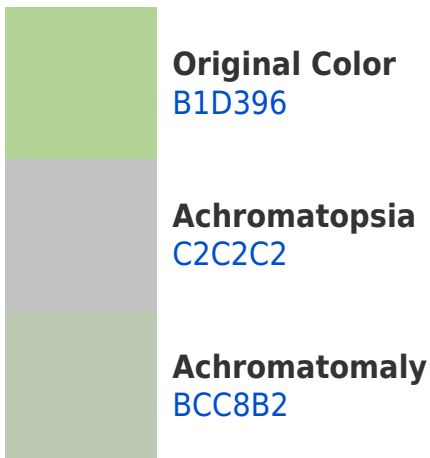
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D396 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 #B1D396 looks like.

```
.text, #text, p{  
    color:#B1D396  
}
```

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 #B1D396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D396
}
```

Border

The CSS property to change the border of an element to Hex B1D396 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
#B1D396 }
```

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

```
.border{ border-color:#B1D396 }
```

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

Here you see how a box with a 4 pixel #B1D396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D396; -webkit-box-shadow:4px 4px  
4px 4px #B1D396; box-shadow:4px 4px 4px  
4px #B1D396 }
```

Background

The CSS property to change the background color of an element to Hex B1D396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D396 }
```

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

```
.background{ background-color:#B1D396 }
```

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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