

Converting Colors

Hex(B0D264)

Have a look what the booklet for
Hex(B0D264) contains.

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Color

Hex(**B0D264**)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | B0D264 |
| RGB | 176, 210, 100 |
| RGB Percent | 69%, 82%, 39% |
| CMY | 0.3098, 0.1765, 0.6078 |
| CMYK | 0.16, 0.00, 0.52, 0.18 |
| HSL | 79°, 55%, 61% |
| HSV | 79°, 52%, 82% |
| XYZ | 43.2513, 56.2434, 20.6331 |
| YIQ | 187.2940, 15.0460, -41.4180 |

Conversions

Conversions Part 2

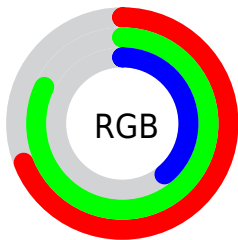
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 100, 210, 134 |
| Decimal | 11588196 |
| CIELab | 79.75, -28.14, 50.21 |
| CIELCh | 80, 57.562, 119.268 |
| Yxy | 56.2434, 0.3600, 0.4682 |
| Android (android.graphics.Color) | 4289778276 (0xFFB0D264) |
| YUV | 187.2940, -43.0359, -9.9048 |
| Hunter-Lab | 74.9956, -28.2981, 36.1848 |

Details

The Hex color **B0D264** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8664D2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E9FF99**, and **799B30** is the 20% darker color. If you saturate the color by 10%, you get **AAD24F**, and if you desaturate by 10%, it is **B6D279**.

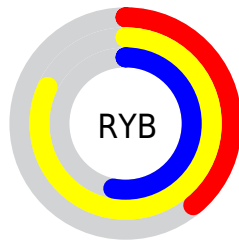
Distribution



Red (69%)

Green (82%)

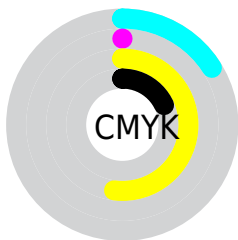
Blue (39%)



Red (39%)

Yellow (82%)

Blue (53%)

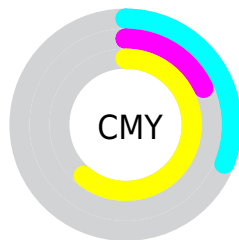


Cyan (16%)

Magenta (0%)

Yellow (52%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D264 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 B0D264 by changing the saturation by 10% instead.

 B0D264

 B0D264

FFFFFF

 94B64A

 E9FF99

 799B30

 FFFFB5

 5E8112

 FFFFDD

 446800

 FFFFEE

 2B5000

 0E3800

 002400

 000000

 B0D264

 B0D264

 AAD24F

 B6D279

 A3D23A

 BDD28E

 9DD225

 C3D2A3

 96D210

 CAD2B8

 91D200

 D0D2CD

 D7D2E2

 DDD2F7

 E4D2FF

 EAD2FF

Harmonies

Analogous

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



E6C256



B0D264



6BDC8D

Triad

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



B0D264



00D9FF



FF98C9

Complementary

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



B0D264



8664D2

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.



FFA4FD



B0D264



5DCCFF

Square

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



B0D264



00E0F9



C7B8FF



FF9D94

Rectangle

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



B0D264



00E0B0



C7B8FF



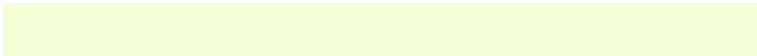
FF9ADB

Sweetspot

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



B0D264



F2FFD6



D28564



788067



000000



808080

Same Dimension

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



B0D264



CDFF5E



7AD264



65695E



74A800



1C2900

Inverse Universe

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



8664D2



905EFF



BC64D2



615E69



3400A8



0D0029

Previews

White Background



This preview shows how the Hex color B0D264 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 B0D264 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 B0D264 Background



This preview shows how black text looks on a background with the Hex color B0D264.

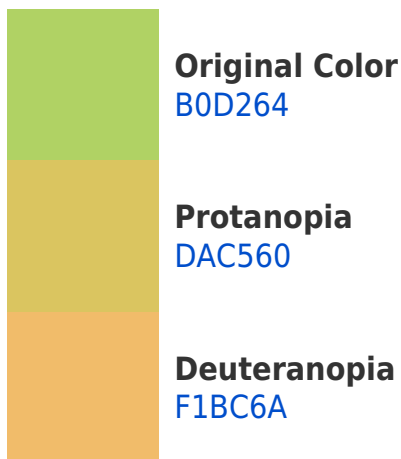


This preview shows how white text looks on a background with the Hex color B0D264.

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



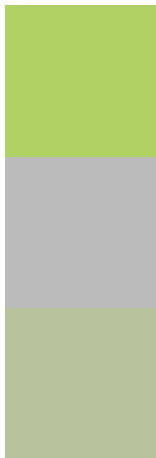
Original Color
B0D264

Protanomaly
CBCA61

Deuteranomaly
D9C468

Tritanomaly
B9CAAC

Monochromacy



Original Color
B0D264

Achromatopsia
BBBBBB

Achromatomaly
B7C39B

CSS Examples

Text

The CSS property to change the color of the text to Hex B0D264 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 #B0D264 looks like.

```
.text, #text, p{  
    color:#B0D264  
}
```

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 #B0D264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D264
}
```

Border

The CSS property to change the border of an element to Hex B0D264 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
#B0D264 }
```

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

```
.border{ border-color:#B0D264 }
```

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

Here you see how a box with a 4 pixel #B0D264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D264; -webkit-box-shadow:4px 4px  
4px 4px #B0D264; box-shadow:4px 4px 4px  
4px #B0D264 }
```

Background

The CSS property to change the background color of an element to Hex B0D264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D264 }
```

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

```
.background{ background-color:#B0D264 }
```

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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