

Converting Colors

Hex(B0DE24)

Have a look what the booklet for
Hex(B0DE24) contains.

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Color

Hex(**B0DE24**)

Conversions

Conversions Part 1

Format	Color
Hex	B0DE24
RGB	176, 222, 36
RGB Percent	69%, 87%, 14%
CMY	0.3098, 0.1294, 0.8588
CMYK	0.21, 0.00, 0.84, 0.13
HSL	75°, 74%, 51%
HSV	75°, 84%, 87%
XYZ	44.3442, 61.6000, 11.2219
YIQ	187.0420, 32.2900, -67.5980

Conversions

Conversions Part 2

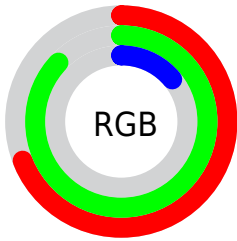
Format	Color
RYB	36, 222, 82
Decimal	11591204
CIELab	82.70, -37.64, 76.40
CIELCh	83, 85.170, 116.225
Yxy	61.6000, 0.3785, 0.5257
Android (android.graphics.Color)	4289781284 (0xFFB0DE24)
YUV	187.0420, -74.4637, -9.6838
Hunter-Lab	78.4857, -36.4979, 46.4627

Details

The Hex color **B0DE24** 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 **5224DE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EBFF65**, and **76A700** is the 20% darker color. If you saturate the color by 10%, you get **ABDE0E**, and if you desaturate by 10%, it is **B5DE3A**.

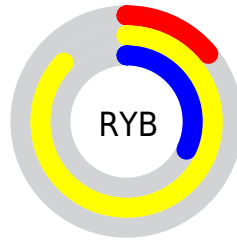
Distribution



Red (69%)

Green (87%)

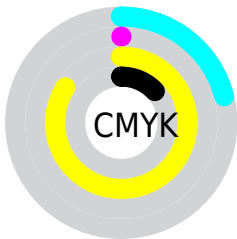
Blue (14%)



Red (14%)

Yellow (87%)

Blue (32%)

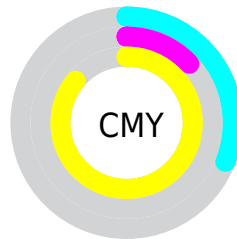


Cyan (21%)

Magenta (0%)

Yellow (84%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DE24 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 B0DE24 by changing the saturation by 10% instead.

 B0DE24

 B0DE24

FFFFFF

 93C200

 EBFF65

 76A700

 FFFF82

 5A8C00

 FFFF9F

 3D7200

 FFFFBC

 1D5A00

 FFFFD9

 004200

 FFFFF7

 002B00

 001100

 000000

 B0DE24

 B0DE24

 ABDE0E

 B5DE3A

 A7DE00

 BBDE50

 C0DE67

 C6DE7D

 CBDE93

 D1DEA9

 D6DEBF

 DCDED6

 E1DEEC

Harmonies

Analogous

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



FDC700



B0DE24



2DEC6F

Triad

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



B0DE24



00ECFF



FF7DDB

Complementary

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



B0DE24



5224DE

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.



FF98FF



B0DE24



00DAFF

Square

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



B0DE24



00F3FF



B9BDFE



FF868C

Rectangle

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



B0DE24



00F1A5



B9BDFF



FF83F6

Sweetspot

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



B0DE24



EFFFBF



DE4F24



768059



000000



808080

Same Dimension

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



B0DE24



C0FF00



56DE24



6D7065



84B000



243000

Inverse Universe

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



5224DE



3F00FF



AC24DE



686570



2C00B0



0C0030

Previews

White Background



This preview shows how the Hex color B0DE24 looks on a white background.

Color Contrast Check

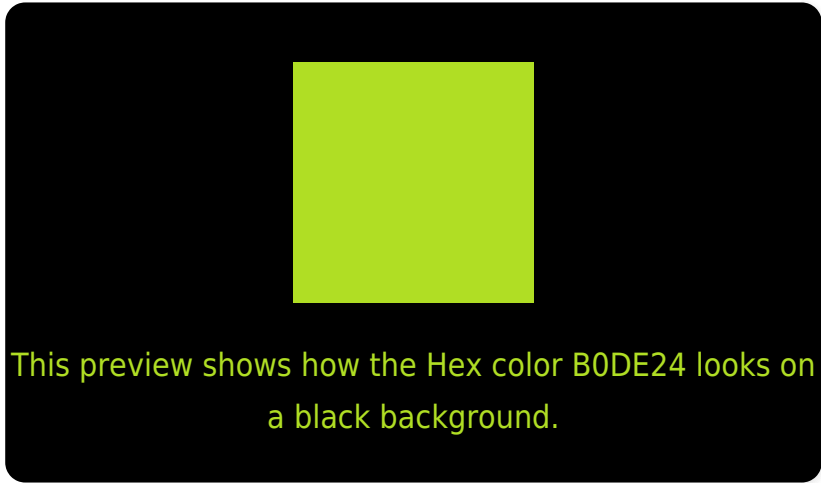
Large Text (above 18pt) WCAG AA × Fail

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 B0DE24 Background



This preview shows how black text looks on a background with the Hex color B0DE24.



This preview shows how white text looks on a background with the Hex color B0DE24.

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



Original Color
B0DE24

Protanopia
E7CE1F

Deuteranopia
FFC34B

Trichromacy



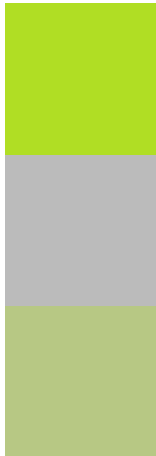
Original Color
B0DE24

Protanomaly
D3D421

Deuteranomaly
E2CD3D

Tritanomaly
BCD49B

Monochromacy



Original Color
B0DE24

Achromatopsia
BBBBBB

Achromatomaly
B7C884

CSS Examples

Text

The CSS property to change the color of the text to Hex B0DE24 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 #B0DE24 looks like.

```
.text, #text, p{  
    color:#B0DE24  
}
```

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 #B0DE24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DE24
}
```

Border

The CSS property to change the border of an element to Hex B0DE24 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
#B0DE24 }
```

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

```
.border{ border-color:#B0DE24 }
```

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

Here you see how a box with a 4 pixel #B0DE24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DE24; -webkit-box-shadow:4px 4px  
4px 4px #B0DE24; box-shadow:4px 4px 4px  
4px #B0DE24 }
```

Background

The CSS property to change the background color of an element to Hex B0DE24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DE24 }
```

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

```
.background{ background-color:#B0DE24 }
```

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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