

Converting Colors

Hex(B2D624)

Have a look what the booklet for
Hex(B2D624) contains.

Hex(B2D624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2D624)

Conversions

Conversions Part 1

Format	Color
Hex	B2D624
RGB	178, 214, 36
RGB Percent	70%, 84%, 14%
CMY	0.3020, 0.1608, 0.8588
CMYK	0.17, 0.00, 0.83, 0.16
HSL	72°, 71%, 49%
HSV	72°, 83%, 84%
XYZ	42.7251, 57.6855, 10.5516
YIQ	182.9440, 35.6820, -62.9900

Conversions

Conversions Part 2

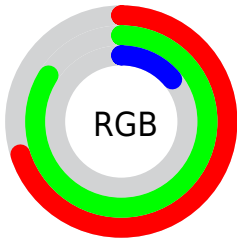
Format	Color
RYB	36, 214, 72
Decimal	11720228
CIELab	80.56, -33.21, 74.62
CIELCh	81, 81.678, 113.988
Yxy	57.6855, 0.3850, 0.5199
Android (android.graphics.Color)	4289910308 (0xFFB2D624)
YUV	182.9440, -72.4434, -4.3359
Hunter-Lab	75.9510, -32.5016, 44.9287

Details

The Hex color **B2D624** 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 **4824D6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EDFF64**, and **789F00** is the 20% darker color. If you saturate the color by 10%, you get **AED60F**, and if you desaturate by 10%, it is **B6D639**.

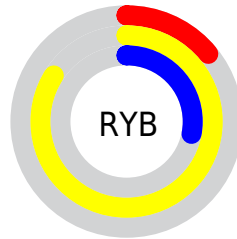
Distribution



Red (70%)

Green (84%)

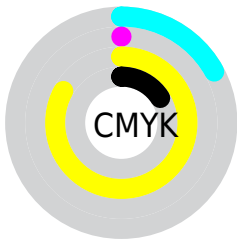
Blue (14%)



Red (14%)

Yellow (84%)

Blue (28%)

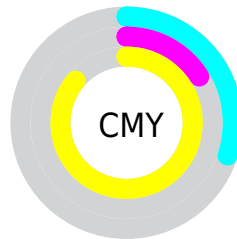


Cyan (17%)

Magenta (0%)

Yellow (83%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D624 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 B2D624 by changing the saturation by 10% instead.

 B2D624

 B2D624

FFFFFF

 95BA00

 EDFF64

 789F00

 FFFF81

 5C8500

 FFFF9D

 406C00

 FFFFBA

 225300

 FFFFD7

 003C00

 FFFFF5

 002600

 000400

 000000

 B2D624

 B2D624

 AED60F

 B6D639

 ABD600

 BBD64F

 BFD664

 C3D67A

 C8D68F

 CCD6A4

 D0D6BA

 D5D6CF

 D9D6E5

Harmonies

Analogous

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



FABF0D



B2D624



44E468

Triad

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



B2D624



00E5FF



FF7DDB

Complementary

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



B2D624



4824D6

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.



FF97FF



B2D624



00D5FF

Square

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



B2D624



00EBFF



A9BAFF



FF828F

Rectangle

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



B2D624



00E99B



A9BAFF



FF83F4

Sweetspot

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



B2D624



F2FFBF



D64824



788059



000000



808080

Same Dimension

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



B2D624



CBFF00



59D624



696B60



88AB00



232B00

Inverse Universe

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



4824D6



3400FF



A124D6



63606B



2300AB



09002B

Previews

White Background



This preview shows how the Hex color B2D624 looks on a white background.

Color Contrast Check

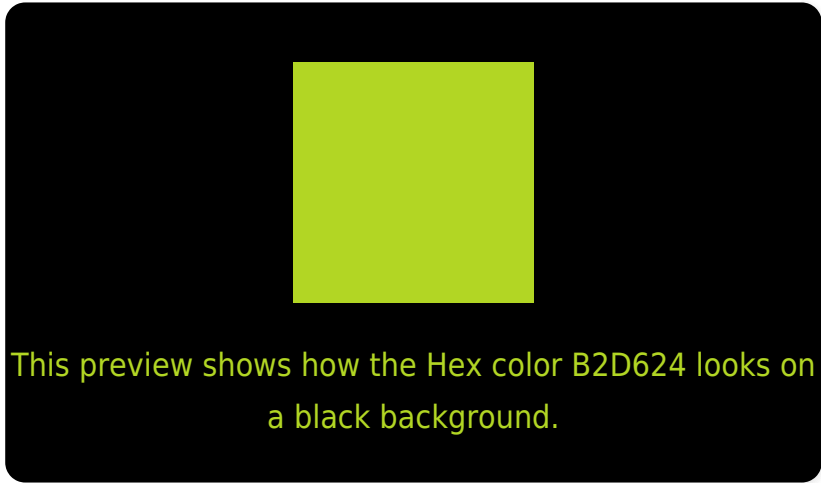
Large Text (above 18pt) WCAG AA × Fail

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 B2D624 Background



This preview shows how black text looks on a background with the Hex color B2D624.

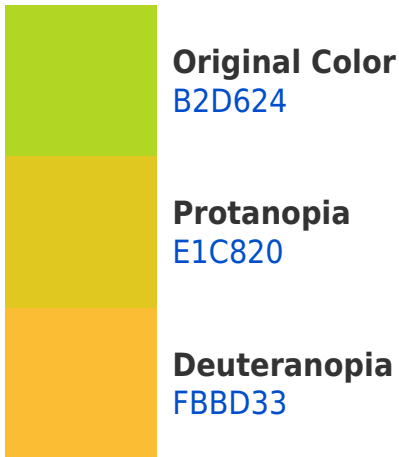


This preview shows how white text looks on a background with the Hex color B2D624.

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
C3C7D7

Trichromacy



Original Color
B2D624

Protanomaly
D0CD21

Deuteranomaly
E0C62E

Tritanomaly
BDCC96

Monochromacy



Original Color
B2D624

Achromatopsia
B7B7B7

Achromatomaly
B5C282

CSS Examples

Text

The CSS property to change the color of the text to Hex B2D624 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 #B2D624 looks like.

```
.text, #text, p{  
    color:#B2D624  
}
```

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 #B2D624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D624
}
```

Border

The CSS property to change the border of an element to Hex B2D624 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
#B2D624 }
```

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

```
.border{ border-color:#B2D624 }
```

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

Here you see how a box with a 4 pixel #B2D624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D624; -webkit-box-shadow:4px 4px  
4px 4px #B2D624; box-shadow:4px 4px 4px  
4px #B2D624 }
```

Background

The CSS property to change the background color of an element to Hex B2D624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D624 }
```

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

```
.background{ background-color:#B2D624 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor