

# Converting Colors

Hex(B1D724)

Have a look what the booklet for  
Hex(B1D724) contains.

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**Color**

**Hex(B1D724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D724
RGB	177, 215, 36
RGB Percent	69%, 84%, 14%
CMY	0.3059, 0.1569, 0.8588
CMYK	0.18, 0.00, 0.83, 0.16
HSL	73°, 71%, 49%
HSV	73°, 83%, 84%
XYZ	42.7503, 58.0754, 10.6256
YIQ	183.2320, 34.8110, -63.7250

# Conversions

## Conversions Part 2

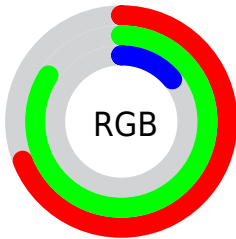
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 215, 74
Decimal	11654948
CIELab	80.78, -34.07, 74.78
CIELCh	81, 82.178, 114.490
Yxy	58.0754, 0.3836, 0.5211
Android (android.graphics.Color)	4289845028 (0xFFB1D724)
YUV	183.2320, -72.5854, -5.4655
Hunter-Lab	76.2072, -33.2285, 45.0782

# Details

The Hex color **B1D724** 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 **4A24D7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ECFF64**, and **77A000** is the 20% darker color. If you saturate the color by 10%, you get **ACD70E**, and if you desaturate by 10%, it is **B6D73A**.

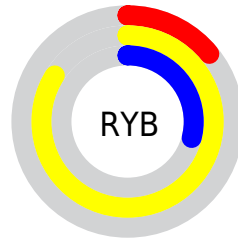
# Distribution



Red (69%)

Green (84%)

Blue (14%)



Red (14%)

Yellow (84%)

Blue (29%)

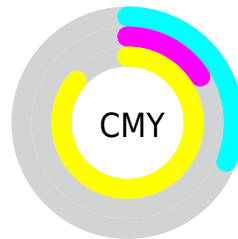


Cyan (18%)

Magenta (0%)

Yellow (83%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1D724 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 B1D724 by changing the saturation by 10% instead.



 B1D724

 B1D724

FFFFFF

 94BB00

 ECFF64

 77A000


 FFFF81

 5B8600

 FFFF9D

 3F6C00

 FFFFBA

 215400

 FFFFD8

 003C00

 FFFFF5

 002700

 000500

 000000

 B1D724

 B1D724

 ACD70E

 B6D73A

 A9D700

 BAD74F

 BFD765

 C3D77A

 C8D790

 CCD7A5

 D1D7BB

 D6D7D0

 DAD7E6

# Harmonies

## Analogous

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



FAC009



B1D724



40E56A

# Triad

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



B1D724



00E6FF



FF7DDA

# Complementary

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



B1D724



4A24D7

# 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



B1D724



00D6FF

# Square

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



B1D724



00ECFF



ACBAFF



FF838E

# Rectangle

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



B1D724



00EA9D



ACBAFF



FF83F4



# Sweetspot

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



B1D724



F1FFBF



D74824



778059



000000



808080



# Same Dimension

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



B1D724



C9FF00



5AD724



696B60



87AB00



222B00



# Inverse Universe

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



4A24D7



3600FF



A124D7



63606B



2400AB



09002B



# Previews

## White Background



This preview shows how the Hex color B1D724 looks on a white background.

## Color Contrast Check

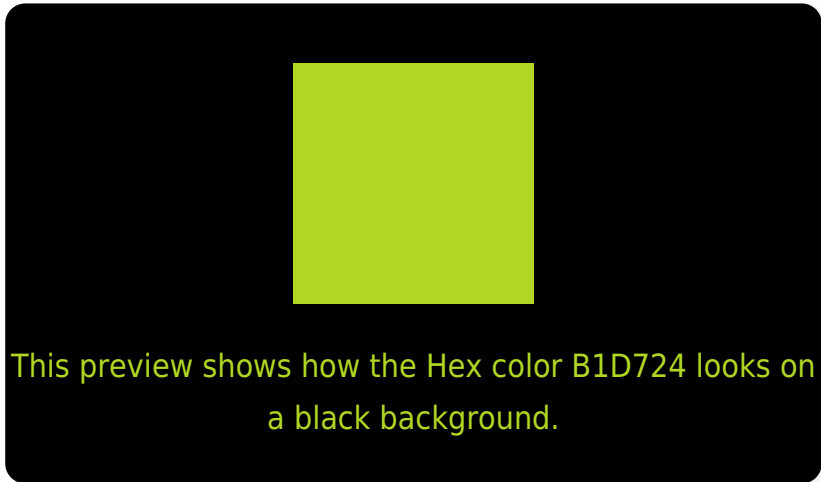
Large Text (above 18pt) WCAG AA × Fail

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 B1D724 Background



This preview shows how black text looks on a background with the Hex color B1D724.



This preview shows how white text looks on a background with the Hex color B1D724.

# 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**  
B1D724

**Protanopia**  
E1C820

**Deuteranopia**  
FBBE33



**Tritanopia**  
C2C8D8

# Trichromacy



**Original Color**  
B1D724

**Protanomaly**  
D0CD21

**Deuteranomaly**  
E0C72E

**Tritanomaly**  
BCCD97

# Monochromacy



**Original Color**  
B1D724

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
B5C382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1D724 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 #B1D724 looks like.

```
.text, #text, p{  
    color:#B1D724  
}
```

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 #B1D724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D724
}
```

## Border

The CSS property to change the border of an element to Hex B1D724 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
#B1D724 }
```

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

```
.border{ border-color:#B1D724 }
```

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

Here you see how a box with a 4 pixel #B1D724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D724; -webkit-box-shadow:4px 4px  
4px 4px #B1D724; box-shadow:4px 4px 4px  
4px #B1D724 }
```

# Background

The CSS property to change the background color of an element to Hex B1D724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D724 }
```

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

```
.background{ background-color:#B1D724 }
```

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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