

Converting Colors

Hex(1BB124)

Have a look what the booklet for
Hex(1BB124) contains.

Hex(1BB124)	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(1BB124)

Conversions

Conversions Part 1

Format	Color
Hex	1BB124
RGB	27, 177, 36
RGB Percent	11%, 69%, 14%
CMY	0.8941, 0.3059, 0.8588
CMYK	0.85, 0.00, 0.80, 0.31
HSL	124°, 74%, 40%
HSV	124°, 85%, 69%
XYZ	16.4926, 31.8047, 6.9387
YIQ	116.0760, -44.1390, -75.6510

Conversions

Conversions Part 2

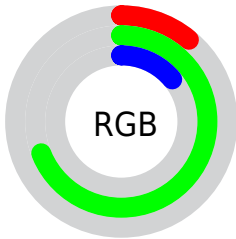
Format	Color
RYB	27, 169, 177
Decimal	1814820
CIELab	63.18, -62.42, 56.63
CIElCh	63, 84.280, 137.781
Yxy	31.8047, 0.2986, 0.5758
Android (android.graphics.Color)	4280004900 (0xFF1BB124)
YUV	116.0760, -39.4775, -78.1197
Hunter-Lab	56.3956, -46.4911, 32.1821

Details

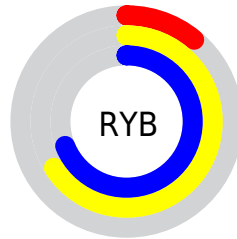
The Hex color **1BB124** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B11BA8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67EA5D**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **09B113**, and if you desaturate by 10%, it is **2DB135**.

Distribution



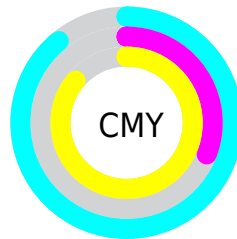
- Red (11%)
- Green (69%)
- Blue (14%)



- Red (11%)
- Yellow (66%)
- Blue (69%)



- Cyan (85%)
- Magenta (0%)
- Yellow (80%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB124 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 1BB124 by changing the saturation by 10% instead.



1BB124



1BB124

FFFFFF



009500



67EA5D



007B00



86FF78



006100



A5FF93



004700



C3FFAF



003000



E1FFCB



001300



FFFFE8



000000



1BB124



1BB124



09B113



2DB135

 00B10B

 3EB145

 50B156

 62B167

 73B177

 85B188

 97B198

 A9B1A9

 BAB1BA

Harmonies

Analogous

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



8FA300



1BB124



00B877

Triad

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



1BB124



00ABFF



FF4170

Complementary

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



1BB124



B11BA8

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.



FF44BB



1BB124



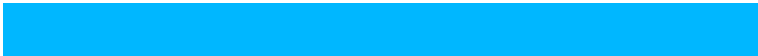
3793FF

Square

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



1BB124



00B7FF



D26DFF



FF6727

Rectangle

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



1BB124



00BAAB



D26DFF



FF3A89

Sweetspot

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



1BB124



ACE6B0



AAB11B



507352



F2F2F2



737373

Same Dimension

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



1BB124



00E60E



1BB16D



505951



009909



001A02

Inverse Universe

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



B11BA8



E600D8



B11B5E



595059



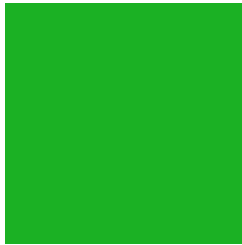
990090



1A0018

Previews

White Background



This preview shows how the Hex color 1BB124 looks on a white background.

Color Contrast Check

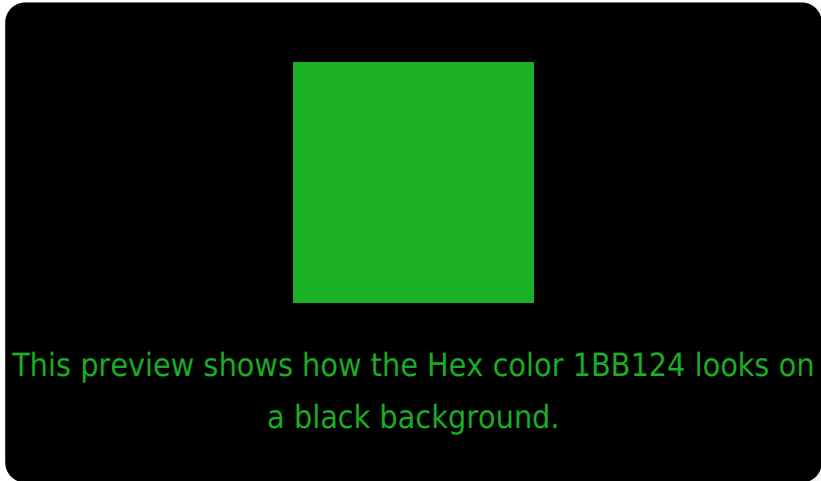
Large Text (above 18pt) WCAG AA × Fail

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 1BB124 Background



This preview shows how black text looks on a background with the Hex color 1BB124.

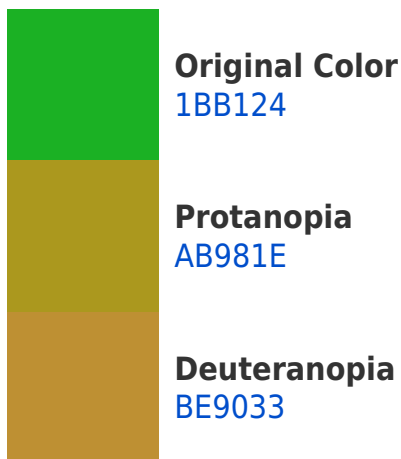


This preview shows how white text looks on a background with the Hex color 1BB124.

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
4DA5B2

Trichromacy



Original Color
1BB124



Protanomaly
77A120



Deuteranomaly
839C2E



Tritanomaly
3BA97E

Monochromacy



Original Color
1BB124



Achromatopsia
747474



Achromatomaly
548A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB124 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 #1BB124 looks like.

```
.text, #text, p{  
    color:#1BB124  
}
```

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 #1BB124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB124
}
```

Border

The CSS property to change the border of an element to Hex 1BB124 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
#1BB124 }
```

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

```
.border{ border-color:#1BB124 }
```

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

Here you see how a box with a 4 pixel #1BB124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB124; -webkit-box-shadow:4px 4px  
4px 4px #1BB124; box-shadow:4px 4px 4px  
4px #1BB124 }
```

Background

The CSS property to change the background color of an element to Hex 1BB124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB124 }
```

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

```
.background{ background-color:#1BB124 }
```

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