

Converting Colors

Hex(23B123)

Have a look what the booklet for
Hex(23B123) contains.

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Color

Hex(23B123)

Conversions

Conversions Part 1

Format	Color
Hex	23B123
RGB	35, 177, 35
RGB Percent	14%, 69%, 14%
CMY	0.8627, 0.3059, 0.8627
CMYK	0.80, 0.00, 0.80, 0.31
HSL	120°, 67%, 42%
HSV	120°, 80%, 69%
XYZ	16.7186, 31.9230, 6.8707
YIQ	118.3540, -39.0500, -74.2660

Conversions

Conversions Part 2

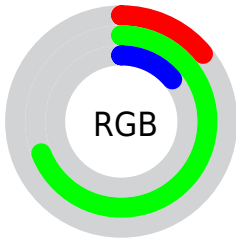
Format	Color
RYB	35, 177, 177
Decimal	2339107
CIELab	63.28, -61.57, 57.06
CIElCh	63, 83.948, 137.175
Yxy	31.9230, 0.3012, 0.5751
Android (android.graphics.Color)	4280529187 (0xFF23B123)
YUV	118.3540, -41.0935, -73.1015
Hunter-Lab	56.5004, -46.0570, 32.3404

Details

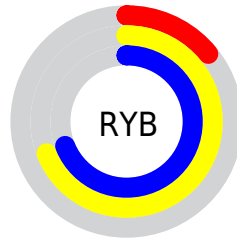
The Hex color **23B123** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B123B1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6BEA5C**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **11B111**, and if you desaturate by 10%, it is **35B135**.

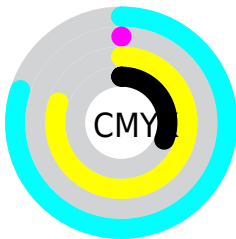
Distribution



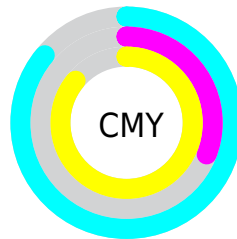
- Red (14%)
- Green (69%)
- Blue (14%)



- Red (14%)
- Yellow (69%)
- Blue (14%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 23B123 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 23B123 by changing the saturation by 10% instead.

 23B123

 23B123

FFFFFF

 009600

 6BEA5C

 007B00

 8AFF77

 006100

 A8FF92

 004700

 C6FFAE

 003100

 E4FFCB


 001400

 FFFFE8

 000000

 23B123

 23B123

 11B111

 35B135

 00B100

 46B146

 58B158

 6AB16A

 7BB17B

 8DB18D

 9FB19F

 B1B1B1

 C2B1C2

Harmonies

Analogous

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



91A300



23B123



00B875

Triad

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



23B123



00ABFF



FF4172

Complementary

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



23B123



B123B1

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.



FF45BD



23B123



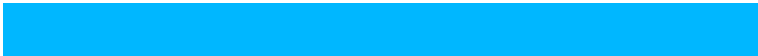
3093FF

Square

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



23B123



00B7FF



D06EFF



FF662A

Rectangle

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



23B123



00BAAA



D06EFF



FF3C8B

Sweetspot

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



23B123



AEE6AE



B1B123



517351



F2F2F2



737373

Same Dimension

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



23B123



09E609



23B16A



505950



009900



001A00

Inverse Universe

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



B123B1



E609E6



B1236A



595059



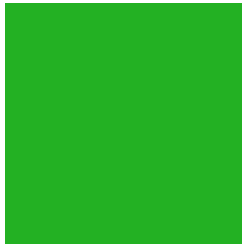
990099



1A001A

Previews

White Background



This preview shows how the Hex color 23B123 looks on a white background.

Color Contrast Check

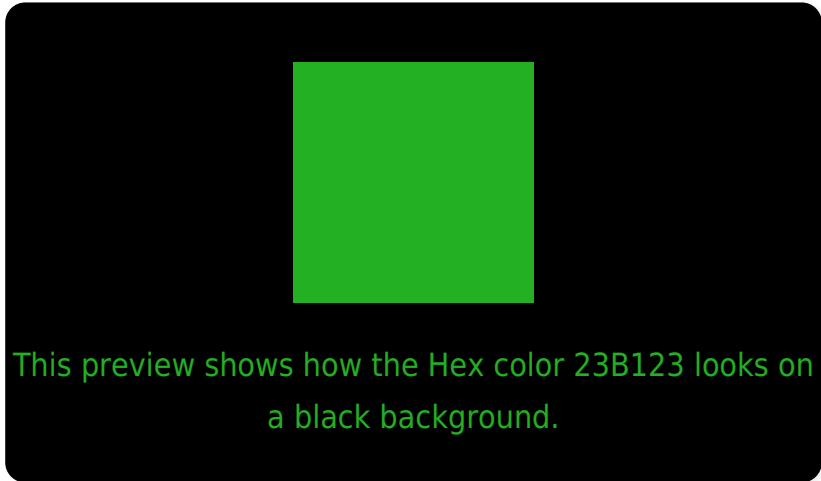
Large Text (above 18pt) WCAG AA × Fail

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 23B123 Background



This preview shows how black text looks on a background with the Hex color 23B123.

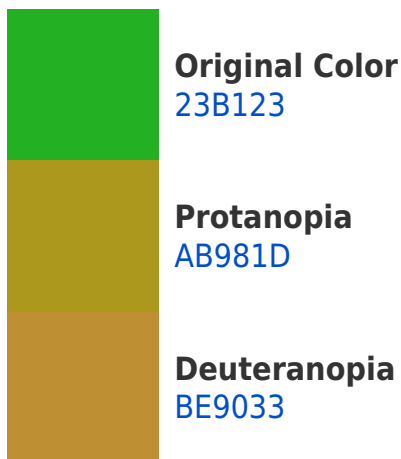


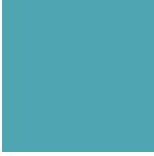
This preview shows how white text looks on a background with the Hex color 23B123.

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](#).

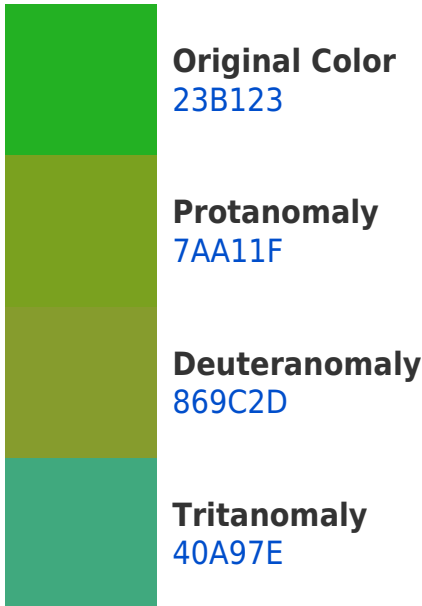
Dichromacy





Tritanopia
50A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23B123 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 #23B123 looks like.

```
.text, #text, p{  
    color:#23B123  
}
```

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 #23B123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B123
}
```

Border

The CSS property to change the border of an element to Hex 23B123 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
#23B123 }
```

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

```
.border{ border-color:#23B123 }
```

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

Here you see how a box with a 4 pixel #23B123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B123; -webkit-box-shadow:4px 4px  
4px 4px #23B123; box-shadow:4px 4px 4px  
4px #23B123 }
```

Background

The CSS property to change the background color of an element to Hex 23B123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B123 }
```

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

```
.background{ background-color:#23B123 }
```

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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