

Converting Colors

Hex(23BC0B)

Have a look what the booklet for
Hex(23BC0B) contains.

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Color

Hex(23BC0B)

Conversions

Conversions Part 1

Format	Color
Hex	23BC0B
RGB	35, 188, 11
RGB Percent	14%, 74%, 4%
CMY	0.8627, 0.2627, 0.9569
CMYK	0.81, 0.00, 0.94, 0.26
HSL	112°, 89%, 39%
HSV	112°, 94%, 74%
XYZ	18.7368, 36.3479, 6.3449
YIQ	122.0750, -34.3710, -87.4830

Conversions

Conversions Part 2

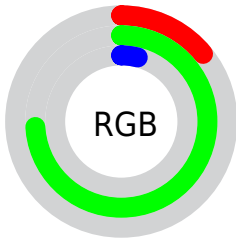
Format	Color
RYB	11, 188, 164
Decimal	2341899
CIELab	66.78, -65.83, 65.19
CIELCh	67, 92.652, 135.280
Yxy	36.3479, 0.3050, 0.5917
Android (android.graphics.Color)	4280531979 (0xFF23BC0B)
YUV	122.0750, -54.7600, -76.3648
Hunter-Lab	60.2892, -50.0317, 35.9627

Details

The Hex color **23BC0B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A40BBC**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6FF651**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **19BC00**, and if you desaturate by 10%, it is **33BC1E**.

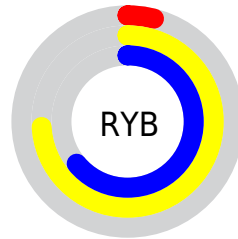
Distribution



Red (14%)

Green (74%)

Blue (4%)



Red (4%)

Yellow (74%)

Blue (64%)

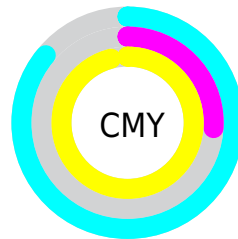


Cyan (81%)

Magenta (0%)

Yellow (94%)

Black (26%)



Cyan (86%)

Magenta (26%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23BC0B 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 23BC0B by changing the saturation by 10% instead.

 23BC0B

 23BC0B

FFFFFF

 00A000

 6FF651

 008500

 8EFF6E

 006B00

 ADFF8A

 005100

 CBFFA6

 003900

 EAFFC3

 002000

 FFFFEO

 000000

 FFFFFD

 23BC0B

 23BC0B

 19BC00

 33BC1E

 44BC31

 54BC43

 64BC56

 74BC69

 85BC7C

 95BC8F

 A5BCA1

 B5BCB4

Harmonies

Analogous

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



9DAC00



23BC0B



00C475

Triad

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



23BC0B



00B8FF



FF367C

Complementary

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



23BC0B



A40BBC

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.



FF41CF



23BC0B



009EFF

Square

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



23BC0B



00C4FF



D975FF



FF652A

Rectangle

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



23BC0B



00C6B0



D975FF



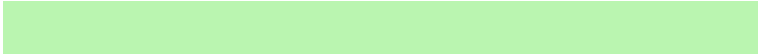
FF2F98

Sweetspot

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



23BC0B



BAF5B0



BCA10B



567A51



FAFAFA



7A7A7A

Same Dimension

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



23BC0B



21F500



0BBC49



565E55



159E00



041F00

Inverse Universe

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



A40BBC



D400F5



BC0B7E



5D555E



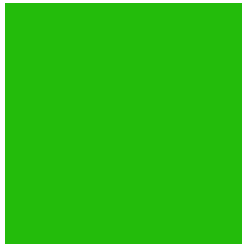
89009E



1A001F

Previews

White Background



This preview shows how the Hex color 23BC0B looks on a white background.

Color Contrast Check

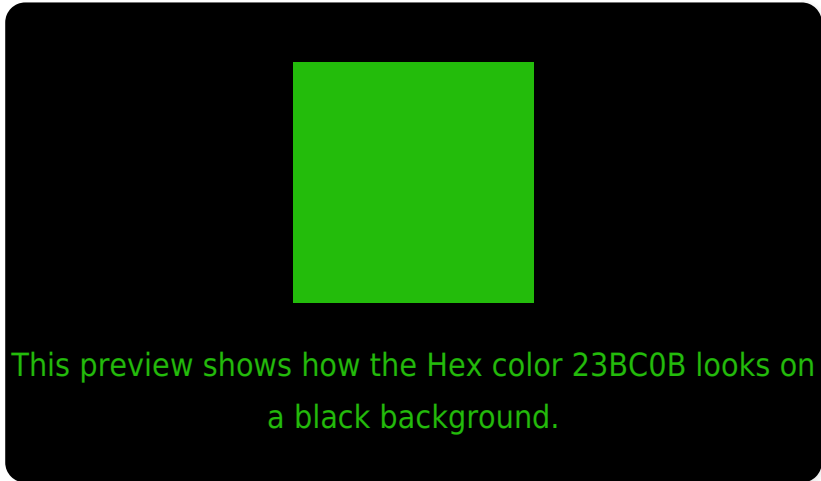
Large Text (above 18pt) WCAG AA × Fail

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 23BC0B Background



This preview shows how black text looks on a background with the Hex color 23BC0B.

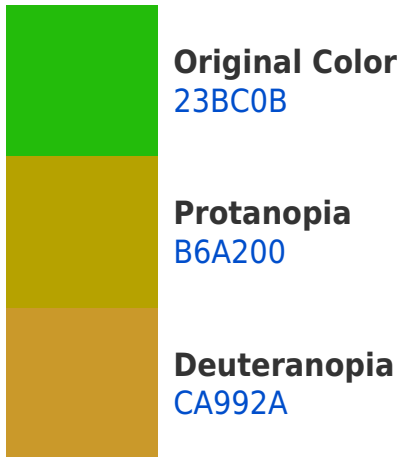


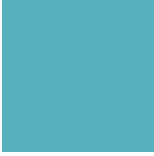
This preview shows how white text looks on a background with the Hex color 23BC0B.

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
55AFBD

Trichromacy



Original Color
23BC0B



Protanomaly
81AB04



Deuteranomaly
8DA61F



Tritanomaly
43B47C

Monochromacy



Original Color
23BC0B



Achromatopsia
7A7A7A



Achromatomaly
5A9252

CSS Examples

Text

The CSS property to change the color of the text to Hex 23BC0B 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 #23BC0B looks like.

```
.text, #text, p{  
    color:#23BC0B  
}
```

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 #23BC0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23BC0B
}
```

Border

The CSS property to change the border of an element to Hex 23BC0B 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
#23BC0B }
```

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

```
.border{ border-color:#23BC0B }
```

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

Here you see how a box with a 4 pixel #23BC0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23BC0B; -webkit-box-shadow:4px 4px  
4px 4px #23BC0B; box-shadow:4px 4px 4px  
4px #23BC0B }
```

Background

The CSS property to change the background color of an element to Hex 23BC0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23BC0B }
```

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

```
.background{ background-color:#23BC0B }
```

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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