

Converting Colors

Hex(23DB1A)

Have a look what the booklet for
Hex(23DB1A) contains.

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Color

Hex(23DB1A)

Conversions

Conversions Part 1

Format	Color
Hex	23DB1A
RGB	35, 219, 26
RGB Percent	14%, 86%, 10%
CMY	0.8627, 0.1412, 0.8980
CMYK	0.84, 0.00, 0.88, 0.14
HSL	117°, 79%, 48%
HSV	117°, 88%, 86%
XYZ	26.2111, 51.0949, 9.4581
YIQ	141.9820, -47.7110, -99.0310

Conversions

Conversions Part 2

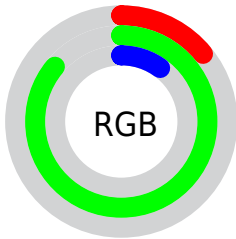
Format	Color
RYB	26, 219, 210
Decimal	2349850
CIELab	76.74, -74.28, 71.32
CIELCh	77, 102.969, 136.165
Yxy	51.0949, 0.3021, 0.5889
Android (android.graphics.Color)	4280539930 (0xFF23DB1A)
YUV	141.9820, -57.1791, -93.8232
Hunter-Lab	71.4807, -59.6375, 42.1914

Details

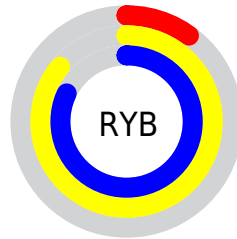
The Hex color **23DB1A** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D21ADB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **76FF5D**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **0EDB04**, and if you desaturate by 10%, it is **38DB30**.

Distribution



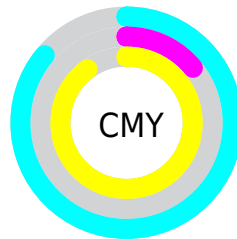
- Red (14%)
- Green (86%)
- Blue (10%)



- Red (10%)
- Yellow (86%)
- Blue (82%)



- Cyan (84%)
- Magenta (0%)
- Yellow (88%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23DB1A 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 23DB1A by changing the saturation by 10% instead.

 23DB1A

 23DB1A

FFFFFF

 00BE00

 76FF5D

 00A200

 97FF7A

 008700

 B7FF97

 006C00

 D6FFB4

 005200

 F6FFD1

 003A00

 FFFFEF

 001F00

 000000

 23DB1A

 23DB1A

■ 0EDB04

■ 38DB30

■ 0ADB00

■ 4DDB46

■ 62DB5C

■ 77DB72

■ 8BDB88

■ A0DB9D

■ B5DBB3

■ CADBC9

■ DFDBDF

Harmonies

Analogous

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



B4C900



23DB1A



00E48C

Triad

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



23DB1A



00D5FF



FF448F

Complementary

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



23DB1A



D21ADB

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.



FF4DEE



23DB1A



00B8FF

Square

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



23DB1A



00E3FF



FF87FF



FF7931

Rectangle

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



23DB1A



00E6CF



FF87FF



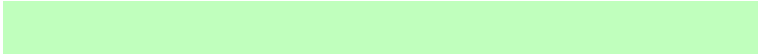
FF3CAE

Sweetspot

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



23DB1A



C0FFBD



DBD11A



5A8058



000000



808080

Same Dimension

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



23DB1A



0CFF00



1ADB71



636E63



08AD00



022E00

Inverse Universe

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



D21ADB



F300FF



DB1A84



6D636E



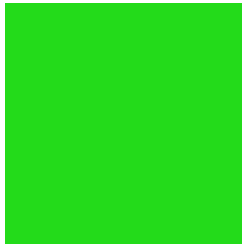
A500AD



2C002E

Previews

White Background



This preview shows how the Hex color 23DB1A 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



This preview shows how the Hex color 23DB1A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

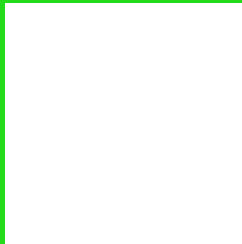
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 23DB1A Background



This preview shows how black text looks on a background with the Hex color 23DB1A.

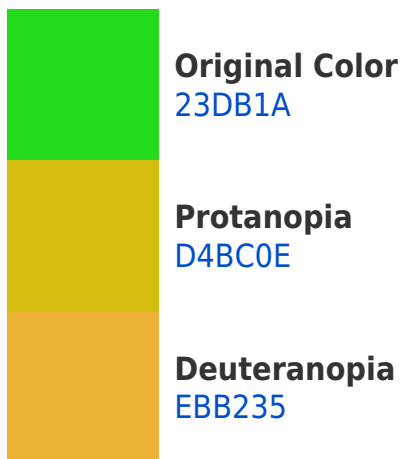


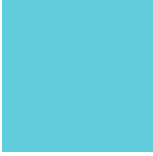
This preview shows how white text looks on a background with the Hex color 23DB1A.

Color Blindness Simulation

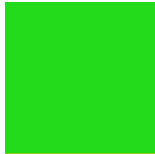
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
23DB1A



Protanomaly
94C712

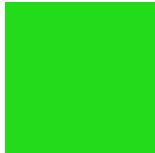


Deuteranomaly
A2C12B



Tritanomaly
4AD195

Monochromacy



Original Color
23DB1A



Achromatopsia
8E8E8E



Achromatomaly
67AA64

CSS Examples

Text

The CSS property to change the color of the text to Hex 23DB1A 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 #23DB1A looks like.

```
.text, #text, p{  
    color:#23DB1A  
}
```

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 #23DB1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23DB1A
}
```

Border

The CSS property to change the border of an element to Hex 23DB1A 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
#23DB1A }
```

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

```
.border{ border-color:#23DB1A }
```

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

Here you see how a box with a 4 pixel #23DB1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23DB1A; -webkit-box-shadow:4px 4px  
4px 4px #23DB1A; box-shadow:4px 4px 4px  
4px #23DB1A }
```

Background

The CSS property to change the background color of an element to Hex 23DB1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23DB1A }
```

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

```
.background{ background-color:#23DB1A }
```

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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