

Converting Colors

Hex(23CE00)

Have a look what the booklet for
Hex(23CE00) contains.

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Color

Hex(23CE00)

Conversions

Conversions Part 1

Format	Color
Hex	23CE00
RGB	35, 206, 0
RGB Percent	14%, 81%, 0%
CMY	0.8627, 0.1922, 1.0000
CMYK	0.83, 0.00, 1.00, 0.19
HSL	110°, 100%, 40%
HSV	110°, 100%, 81%
XYZ	22.7644, 44.4999, 7.3895
YIQ	131.3870, -35.7900, -100.3180

Conversions

Conversions Part 2

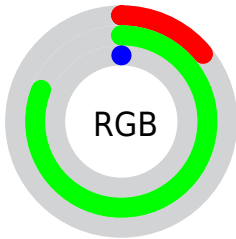
Format	Color
RYB	0, 206, 171
Decimal	2346496
CIELab	72.56, -71.22, 71.11
CIELCh	73, 100.644, 135.043
Yxy	44.4999, 0.3049, 0.5961
Android (android.graphics.Color)	4280536576 (0xFF23CE00)
YUV	131.3870, -64.7738, -84.5314
Hunter-Lab	66.7083, -55.8257, 40.1280

Details

The Hex color **23CE00** 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 **AB00CE**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **73FF52**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **23CE00**, and if you desaturate by 10%, it is **34CE15**.

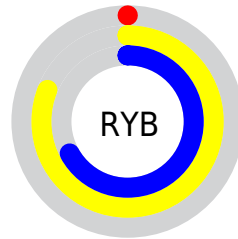
Distribution



Red (14%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (67%)

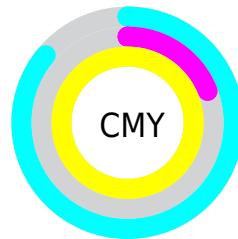


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (86%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23CE00 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 23CE00 by changing the saturation by 10% instead.

 23CE00

 23CE00

FFFFFF

 00B200


 73FF52

 009600

 94FF6F

 007B00

 B3FF8C

 006000

 D2FFA8


 004700

 F1FFC5

 002F00

 FFFFE3

 001000

 000000

 23CE00

 34CE15

 45CE29

 56CE3E

 67CE52

 79CE67

 8ACE7C

 9BCE90

 ACCEA5

 BDCEB9

Harmonies

Analogous

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



ACBC00



23CE00



00D77F

Triad

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



23CE00



00CAFF



FF3688

Complementary

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



23CE00



AB00CE

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.



FF44E4



23CE00



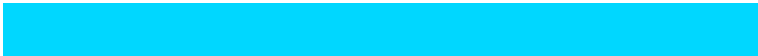
00AEFF

Square

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



23CE00



00D7FF



ED7FFF



FF6D2D

Rectangle

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



23CE00



00D9C0



ED7FFF



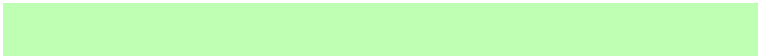
FF2DA7

Sweetspot

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



23CE00



BFFFB3



CEA800



598052



000000



808080

Same Dimension

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



23CE00



2BFF00



00CE41



5E665C



1CA600



062600

Inverse Universe

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



AB00CE



D400FF



CE008D



645C66



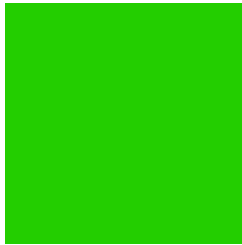
8A00A6



200026

Previews

White Background



This preview shows how the Hex color 23CE00 looks on a white background.

Color Contrast Check

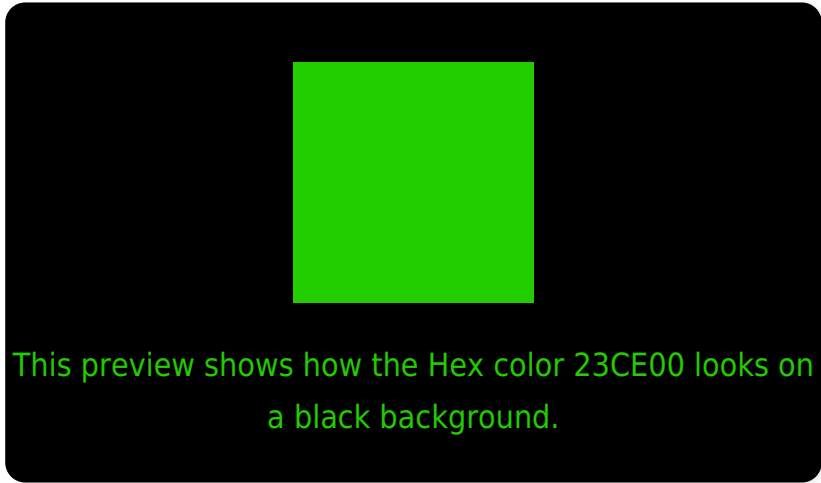
Large Text (above 18pt) WCAG AA × Fail

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 23CE00 Background



This preview shows how black text looks on a background with the Hex color 23CE00.

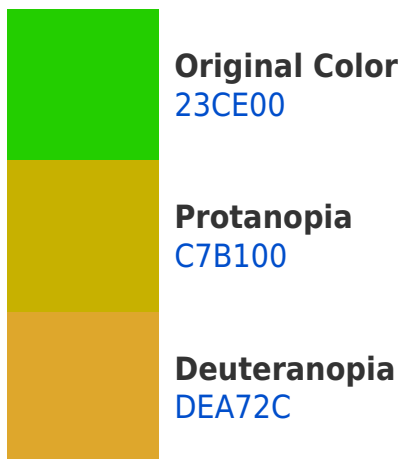


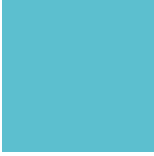
This preview shows how white text looks on a background with the Hex color 23CE00.

Color Blindness Simulation

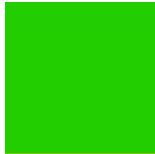
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
23CE00



Protanomaly
8BBC00



Deuteranomaly
9AB51C



Tritanomaly
47C484

Monochromacy



Original Color
23CE00



Achromatopsia
838383



Achromatomaly
609E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 23CE00 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 #23CE00 looks like.

```
.text, #text, p{  
    color:#23CE00  
}
```

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 #23CE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23CE00
}
```

Border

The CSS property to change the border of an element to Hex 23CE00 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
#23CE00 }
```

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

```
.border{ border-color:#23CE00 }
```

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

Here you see how a box with a 4 pixel #23CE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23CE00; -webkit-box-shadow:4px 4px  
4px 4px #23CE00; box-shadow:4px 4px 4px  
4px #23CE00 }
```

Background

The CSS property to change the background color of an element to Hex 23CE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23CE00 }
```

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

```
.background{ background-color:#23CE00 }
```

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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