

Converting Colors

Hex(21BD00)

Have a look what the booklet for
Hex(21BD00) contains.

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Color

Hex(21BD00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 21BD00 |
| RGB | 33, 189, 0 |
| RGB Percent | 13%, 74%, 0% |
| CMY | 0.8706, 0.2588, 1.0000 |
| CMYK | 0.83, 0.00, 1.00, 0.26 |
| HSL | 110°, 100%, 37% |
| HSV | 110°, 100%, 74% |
| XYZ | 18.8248, 36.7185, 6.0952 |
| YIQ | 120.8100, -32.3070, -91.8510 |

Conversions

Conversions Part 2

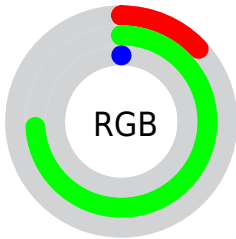
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 189, 156 |
| Decimal | 2211072 |
| CIELab | 67.07, -66.59, 66.71 |
| CIELCh | 67, 94.255, 134.948 |
| Yxy | 36.7185, 0.3054, 0.5957 |
| Android (android.graphics.Color) | 4280401152 (0xFF21BD00) |
| YUV | 120.8100, -59.5593, -77.0094 |
| Hunter-Lab | 60.5958, -50.5896, 36.4532 |

Details

The Hex color **21BD00** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **9C00BD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6EF74E**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **21BD00**, and if you desaturate by 10%, it is **31BD13**.

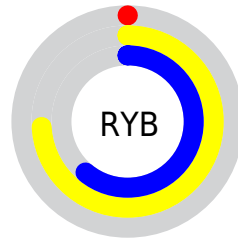
Distribution



Red (13%)

Green (74%)

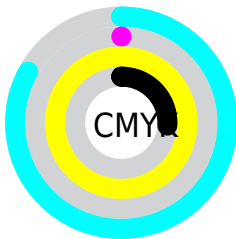
Blue (0%)



Red (0%)

Yellow (74%)

Blue (61%)

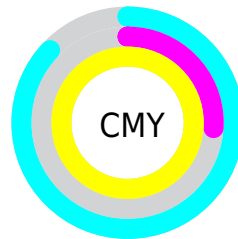


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (87%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21BD00 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 21BD00 by changing the saturation by 10% instead.

 21BD00

 21BD00

FFFFFF

 00A100

 6EF74E

 008600

 8EFF6B

 006B00

 ACFF87

 005200

 CBFFA3

 003A00

 EAFFC0

 002000

 FFFFDD

 000000

 FFFFFB

 21BD00

 31BD13

 40BD26

 50BD39

 5FBD4C

 6FBD5F

 7FBD71

 8EBD84

 9EBD97

 ADBDAA

Harmonies

Analogous

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



9EAD00



21BD00



00C574

Triad

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



21BD00



00B9FF



FF317D

Complementary

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



21BD00



9C00BD

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.



FF3ED2



21BD00



00A0FF

Square

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



21BD00



00C5FF



D975FF



FF6429

Rectangle

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



21BD00



00C7B0



D975FF



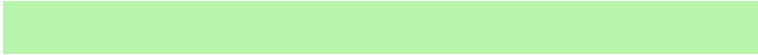
FF2999

Sweetspot

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



21BD00



B8F5AB



BD9A00



567A4E



FAFAFA



7A7A7A

Same Dimension

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



21BD00



2BF500



00BD3C



575E55



1C9E00



051F00

Inverse Universe

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



9C00BD



CA00F5



BD0081



5D555E



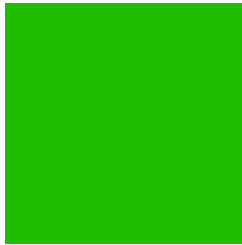
82009E



19001F

Previews

White Background



This preview shows how the Hex color 21BD00 looks on a white background.

Color Contrast Check

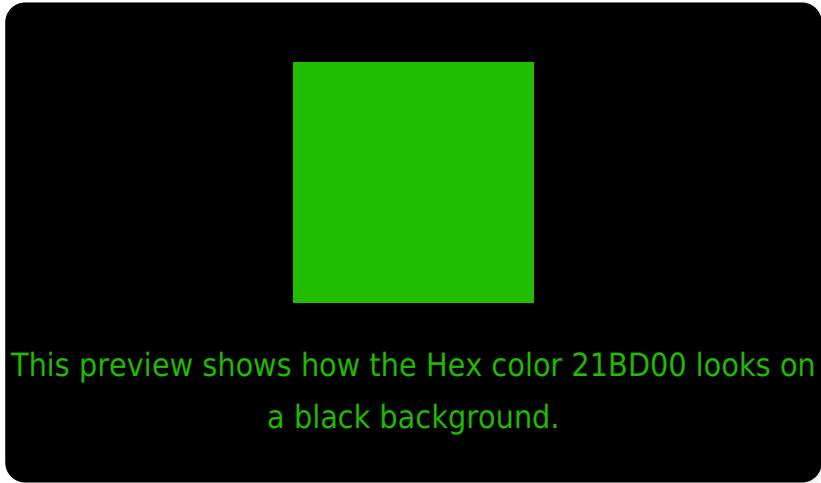
Large Text (above 18pt) WCAG AA × Fail

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 21BD00 Background



This preview shows how black text looks on a background with the Hex color 21BD00.

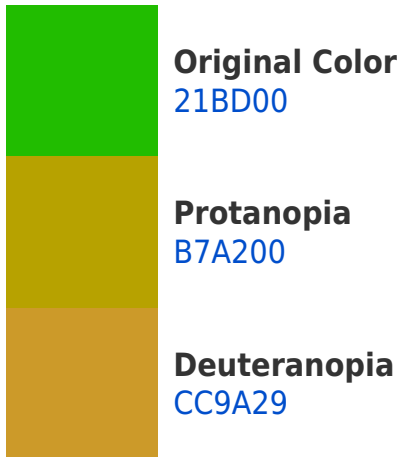


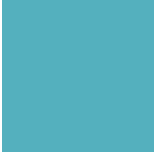
This preview shows how white text looks on a background with the Hex color 21BD00.

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
54B0BE

Trichromacy



Original Color
21BD00



Protanomaly
80AC00



Deuteranomaly
8EA71A



Tritanomaly
41B579

Monochromacy



Original Color
21BD00



Achromatopsia
797979



Achromatomaly
59924D

CSS Examples

Text

The CSS property to change the color of the text to Hex 21BD00 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 #21BD00 looks like.

```
.text, #text, p{  
    color:#21BD00  
}
```

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 #21BD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21BD00
}
```

Border

The CSS property to change the border of an element to Hex 21BD00 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
#21BD00 }
```

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

```
.border{ border-color:#21BD00 }
```

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

Here you see how a box with a 4 pixel #21BD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21BD00; -webkit-box-shadow:4px 4px  
4px 4px #21BD00; box-shadow:4px 4px 4px  
4px #21BD00 }
```

Background

The CSS property to change the background color of an element to Hex 21BD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21BD00 }
```

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

```
.background{ background-color:#21BD00 }
```

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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