

# Converting Colors

Hex(21C82D)

Have a look what the booklet for  
Hex(21C82D) contains.

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# Color

Hex(21C82D)

# Conversions

## Conversions Part 1

Format	Color
Hex	21C82D
RGB	33, 200, 45
RGB Percent	13%, 78%, 18%
CMY	0.8706, 0.2157, 0.8235
CMYK	0.83, 0.00, 0.77, 0.22
HSL	124°, 72%, 46%
HSV	124°, 84%, 78%
XYZ	21.7551, 41.8213, 9.4083
YIQ	132.3970, -49.7770, -83.6090

# Conversions

## Conversions Part 2

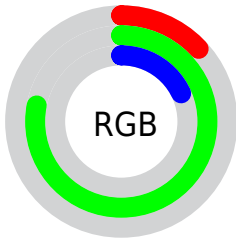
Format	Color
<a href="#">RYB</a>	<a href="#">33, 189, 200</a>
Decimal	<a href="#">2213933</a>
CIELab	<a href="#">70.75, -68.06, 61.15</a>
CIELCh	<a href="#">71, 91.493, 138.063</a>
Yxy	<a href="#">41.8213, 0.2981, 0.5730</a>
Android (android.graphics.Color)	<a href="#">4280404013 (0xFF21C82D)</a>
YUV	<a href="#">132.3970, -43.0867, -87.1712</a>
Hunter-Lab	<a href="#">64.6694, -53.1232, 36.6429</a>

# Details

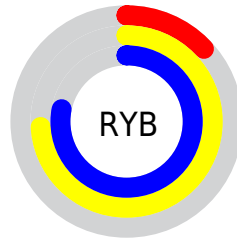
The Hex color **21C82D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C821BC**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **70FF66**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **0DC81A**, and if you desaturate by 10%, it is **35C840**.

# Distribution



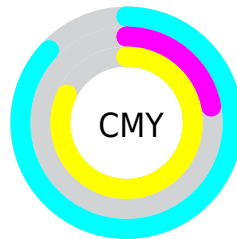
- Red (13%)
- Green (78%)
- Blue (18%)



- Red (13%)
- Yellow (74%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (77%)
- Black (22%)



- Cyan (87%)
- Magenta (22%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21C82D 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 21C82D by changing the saturation by 10% instead.



 21C82D

 21C82D

FFFFFF

 00AC02

 70FF66

 009000

 8FFF82

 007500

 AEFF9E

 005B00

 CDFBBA

 004200

 ECFFD7

 002A00

 FFFFF4

 000500

 000000

 21C82D

 21C82D

 0DC81A

 35C840

 00C80E

 49C852

 5DC865

 71C877

 85C88A

 99C89C

 ADC8AF

 C1C8C2

 D5C8D4

# Harmonies

## Analogous

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



A1B800



21C82D



00D088

# Triad

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



21C82D



00C1FF



FF4D7F

# Complementary

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



21C82D



C821BC

# 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.



FF4FD2



21C82D



47A6FF

# Square

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



21C82D



00CEFF



ED7CFF



FF762E

# Rectangle

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



21C82D



00D2C2



ED7CFF



FF469A

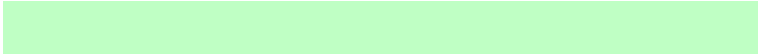


# Sweetspot

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



21C82D



BFFFC4



BDC821



59805C



000000



808080



# Same Dimension

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



21C82D



00FF12



21C880



5A635A



00A30C



002403



# Inverse Universe

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



C821BC



FF00ED



C82169



635A63



A30097

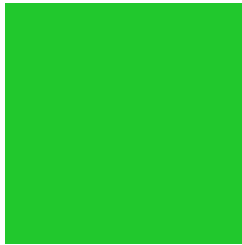


240021



# Previews

## White Background



This preview shows how the Hex color 21C82D looks on a white background.

## Color Contrast Check

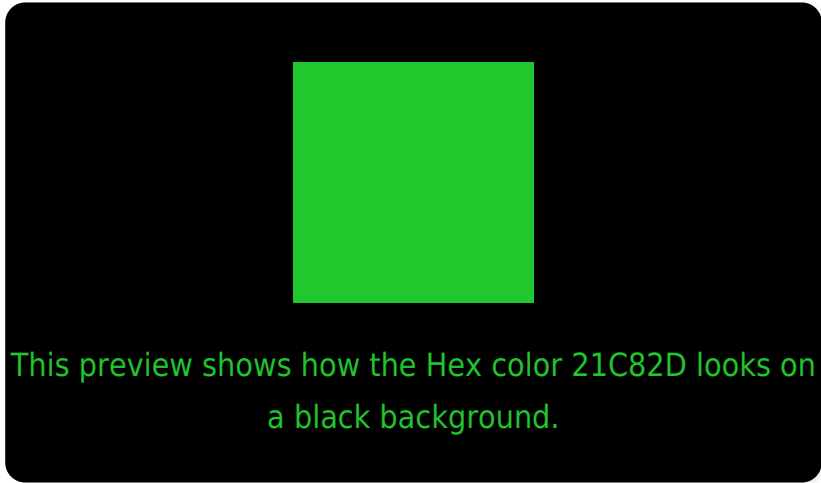
Large Text (above 18pt) WCAG AA × Fail

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 21C82D Background



This preview shows how black text looks on a background with the Hex color 21C82D.

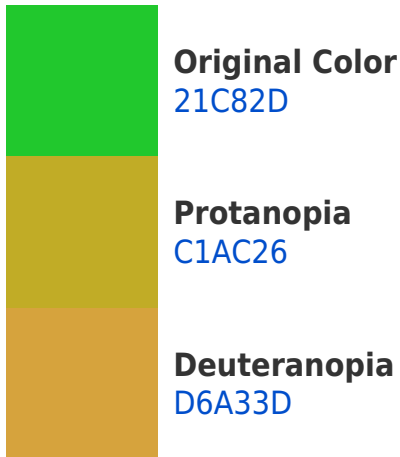


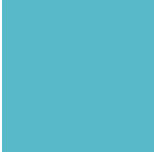
This preview shows how white text looks on a background with the Hex color 21C82D.

# 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**  
58BAC9

# Trichromacy



**Original Color**  
21C82D



**Protanomaly**  
87B629



**Deuteranomaly**  
94B037



**Tritanomaly**  
44BF90

# Monochromacy



**Original Color**  
21C82D



**Achromatopsia**  
848484



**Achromatomaly**  
609D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21C82D 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 #21C82D looks like.

```
.text, #text, p{  
    color:#21C82D  
}
```

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 #21C82D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C82D
}
```

## Border

The CSS property to change the border of an element to Hex 21C82D 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
#21C82D }
```

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

```
.border{ border-color:#21C82D }
```

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

Here you see how a box with a 4 pixel #21C82D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C82D; -webkit-box-shadow:4px 4px  
4px 4px #21C82D; box-shadow:4px 4px 4px  
4px #21C82D }
```

# Background

The CSS property to change the background color of an element to Hex 21C82D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C82D }
```

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

```
.background{ background-color:#21C82D }
```

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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