

Converting Colors

Hex(21C462)

Have a look what the booklet for
Hex(21C462) contains.

Hex(21C462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(21C462)

Conversions

Conversions Part 1

Format	Color
Hex	21C462
RGB	33, 196, 98
RGB Percent	13%, 77%, 38%
CMY	0.8706, 0.2314, 0.6157
CMYK	0.83, 0.00, 0.50, 0.23
HSL	144°, 71%, 45%
HSV	144°, 83%, 77%
XYZ	22.5717, 40.6850, 18.2186
YIQ	136.0910, -65.6900, -65.0340

Conversions

Conversions Part 2

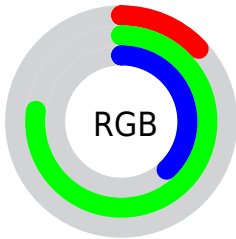
Format	Color
RYB	33, 150, 196
Decimal	2212962
CIELab	69.95, -60.86, 37.99
CIELCh	70, 71.746, 148.028
Yxy	40.6850, 0.2770, 0.4994
Android (android.graphics.Color)	4280403042 (0xFF21C462)
YUV	136.0910, -18.7789, -90.4108
Hunter-Lab	63.7848, -48.4571, 27.7146

Details

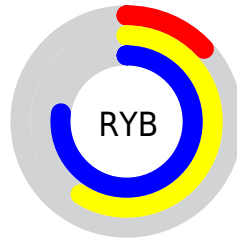
The Hex color **21C462** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C42183**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6CFE96**, and **008D30** is the 20% darker color. If you saturate the color by 10%, you get **0DC456**, and if you desaturate by 10%, it is **35C46E**.

Distribution



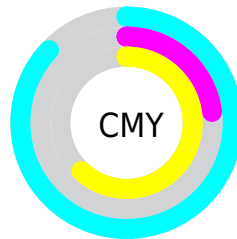
- Red (13%)
- Green (77%)
- Blue (38%)



- Red (13%)
- Yellow (59%)
- Blue (77%)



- Cyan (83%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)



- Cyan (87%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C462 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 21C462 by changing the saturation by 10% instead.

 21C462

 21C462

FFFFFF

 00A849

 6CFE96

 008D30

 8CFFB2

 007217

 AAFFCD


 005800

 C8FFEA

 003F00

 E7FFFF

 002800

 000000

 21C462

 21C462

 0DC456

 35C46E

 00C44E

 48C47A

 5CC485

 6FC491

 83C49D

 97C4A9

 AAC4B4

 BEC4C0

 D1C4CC

Harmonies

Analogous

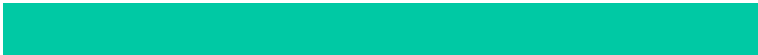
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FB928



21C462



00C9A4

Triad

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



21C462



00B4FF



FF7372

Complementary

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



21C462



C42183

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.



FF6AB2



21C462



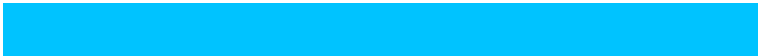
A29BFF

Square

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



21C462



00C3FF



F57EF1



FF8D3A

Rectangle

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



21C462



00CAD1



F57EF1



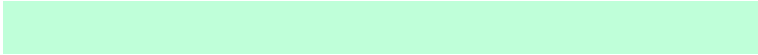
FF6D87

Sweetspot

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



21C462



BFFFD9



86C421



598069



000000



808080

Same Dimension

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



21C462



00FF66



21C4B1



57615B



00A140



00210D

Inverse Universe

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



C42183



FF0099



C42134



61575D



A10061



210014

Previews

White Background



This preview shows how the Hex color 21C462 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 21C462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

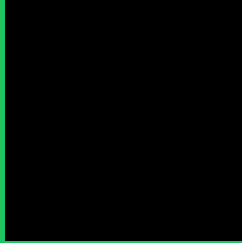
Any Text WCAG AA ✓ Pass

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 21C462 Background



This preview shows how black text looks on a background with the Hex color 21C462.

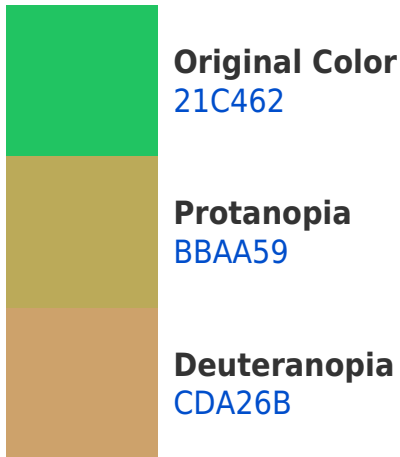


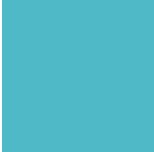
This preview shows how white text looks on a background with the Hex color 21C462.

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](#).

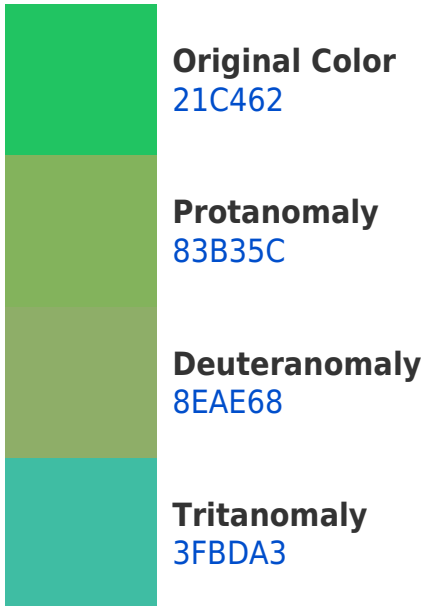
Dichromacy



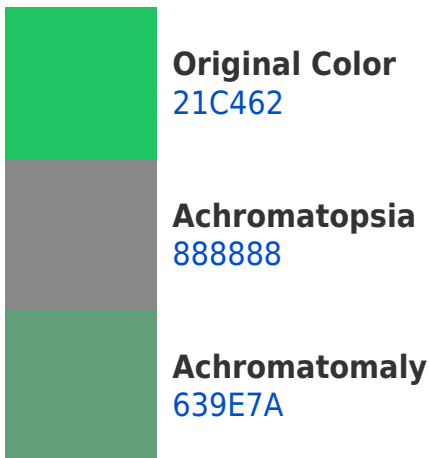


Tritanopia
50B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C462 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 #21C462 looks like.

```
.text, #text, p{  
    color:#21C462  
}
```

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 #21C462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C462
}
```

Border

The CSS property to change the border of an element to Hex 21C462 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
#21C462 }
```

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

```
.border{ border-color:#21C462 }
```

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

Here you see how a box with a 4 pixel #21C462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C462; -webkit-box-shadow:4px 4px  
4px 4px #21C462; box-shadow:4px 4px 4px  
4px #21C462 }
```

Background

The CSS property to change the background color of an element to Hex 21C462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C462 }
```

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

```
.background{ background-color:#21C462 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor