

Converting Colors

Hex(21C665)

Have a look what the booklet for
Hex(21C665) contains.

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Color

Hex(21C665)

Conversions

Conversions Part 1

Format	Color
Hex	21C665
RGB	33, 198, 101
RGB Percent	13%, 78%, 40%
CMY	0.8706, 0.2235, 0.6039
CMYK	0.83, 0.00, 0.49, 0.22
HSL	145°, 71%, 45%
HSV	145°, 83%, 78%
XYZ	23.1702, 41.6511, 19.1302
YIQ	137.6070, -67.2030, -65.1470

Conversions

Conversions Part 2

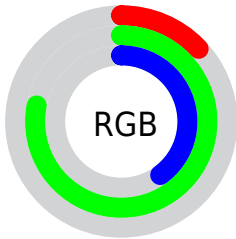
Format	Color
RYB	33, 150, 198
Decimal	2213477
CIELab	70.63, -61.06, 37.34
CIELCh	71, 71.574, 148.549
Yxy	41.6511, 0.2760, 0.4961
Android (android.graphics.Color)	4280403557 (0xFF21C665)
YUV	137.6070, -18.0473, -91.7403
Hunter-Lab	64.5377, -48.8560, 27.6017

Details

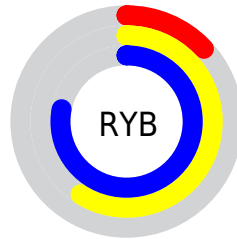
The Hex color **21C665** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C62182**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6DFF99**, and **008F33** is the 20% darker color. If you saturate the color by 10%, you get **0DC659**, and if you desaturate by 10%, it is **35C671**.

Distribution



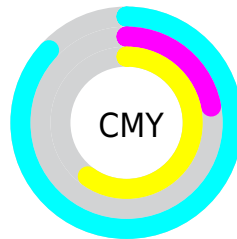
- Red (13%)
- Green (78%)
- Blue (40%)



- Red (13%)
- Yellow (59%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (49%)
- Black (22%)




- Cyan (87%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C665 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 21C665 by changing the saturation by 10% instead.

 21C665

 21C665

FFFFFF

 00AA4C

 6DFF99

 008F33

 8CFFB5

 00741A

 ABFFD1


 005A00

 C9FFED


 004100

 E7FFFF

 002A00

 000400

 000000

 21C665

 21C665

■ 0DC659

■ 35C671

■ 00C652

■ 49C67C

■ 5CC688

■ 70C694

■ 84C69F

■ 98C6AB

■ ACC6B6

■ BFC6C2

■ D3C6CE

Harmonies

Analogous

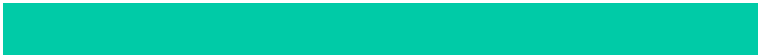
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90BB2B



21C665



00CBA7

Triad

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



21C665



00B5FF



FF7573

Complementary

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



21C665



C62182

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.



FF6DB3



21C665



A69DFF

Square

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



21C665



00C4FF



F87FF2



FF8F3B

Rectangle

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



21C665



00CBD4



F87FF2



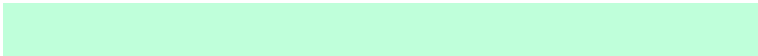
FF6F87

Sweetspot

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



21C665



BFFFDA



84C621



598069



000000



808080

Same Dimension

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



21C665



00FF69



21C6B6



5A635E



00A343



00240F

Inverse Universe

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



C62182



FF0096



C62132



635A5F



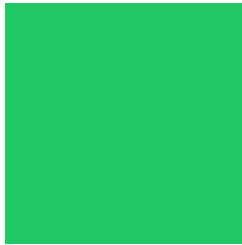
A30060



240015

Previews

White Background



This preview shows how the Hex color 21C665 looks on a white background.

Color Contrast Check

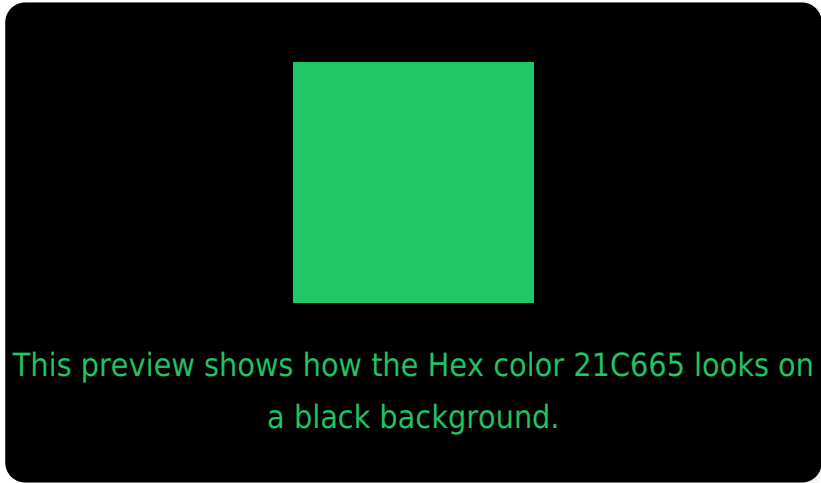
Large Text (above 18pt) WCAG AA × Fail

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

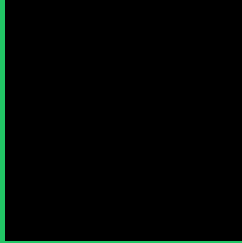
Any Text WCAG AA ✓ Pass

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 21C665 Background



This preview shows how black text looks on a background with the Hex color 21C665.

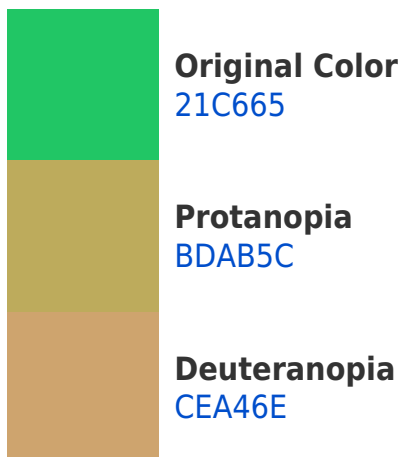


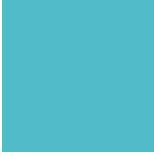
This preview shows how white text looks on a background with the Hex color 21C665.

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
51BBCA

Trichromacy



Original Color
21C665



Protanomaly
84B55F



Deuteranomaly
8FB06B



Tritanomaly
40BFA5

Monochromacy



Original Color
21C665



Achromatopsia
8A8A8A



Achromatomaly
64A07D

CSS Examples

Text

The CSS property to change the color of the text to Hex 21C665 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 #21C665 looks like.

```
.text, #text, p{  
    color:#21C665  
}
```

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 #21C665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C665
}
```

Border

The CSS property to change the border of an element to Hex 21C665 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
#21C665 }
```

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

```
.border{ border-color:#21C665 }
```

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

Here you see how a box with a 4 pixel #21C665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C665; -webkit-box-shadow:4px 4px  
4px 4px #21C665; box-shadow:4px 4px 4px  
4px #21C665 }
```

Background

The CSS property to change the background color of an element to Hex 21C665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C665 }
```

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

```
.background{ background-color:#21C665 }
```

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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