

Converting Colors

Decimal(2214016)

Have a look what the booklet for
Decimal(2214016) contains.

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Color

Decimal(2214016)

Conversions

Conversions Part 1

Format	Color
Hex	21C880
RGB	33, 200, 128
RGB Percent	13%, 78%, 50%
CMY	0.8706, 0.2157, 0.4980
CMYK	0.83, 0.00, 0.36, 0.22
HSL	154°, 72%, 46%
HSV	154°, 84%, 78%
XYZ	25.1778, 43.1904, 27.4317
YIQ	141.8590, -76.4200, -57.7960

Conversions

Conversions Part 2

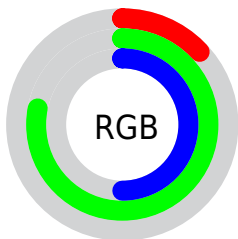
Format	Color
RYB	33, 139, 200
Decimal	2214016
CIELab	71.68, -56.83, 24.86
CIELCh	72, 62.032, 156.372
Yxy	43.1904, 0.2628, 0.4508
Android (android.graphics.Color)	4280404096 (0xFF21C880)
YUV	141.8590, -6.8325, -95.4693
Hunter-Lab	65.7194, -46.6238, 21.2556

Details

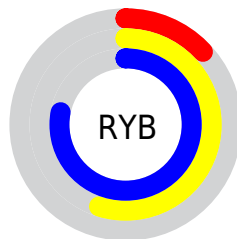
The Decimal color **2214016** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **13115753**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **7208885**, and **37198** is the 20% darker color. If you saturate the color by 10%, you get **903287**, and if you desaturate by 10%, it is **3524745**.

Distribution



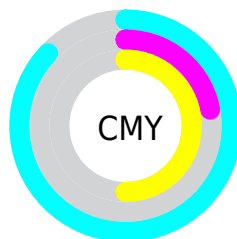
- Red (13%)
- Green (78%)
- Blue (50%)



- Red (13%)
- Yellow (55%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (87%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2214016 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 Decimal color 2214016 by changing the saturation by 10% instead.

 2214016

 2214016

16777215

 44135

 7208885

 37198

 9240529

 30263

 11272173

 23584

 13238271

 17161


 15269887

 11264

 2816

 0

 2214016

 2214016

■ 903287

■ 3524745

■ 51314

■ 4835473

■ 6146202

■ 7456930

■ 8767659

■ 10078388

■ 11389116

■ 12699845

■ 14010574

Harmonies

Analogous

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



8896335



2214016



52154

Triad

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



2214016



5485311



16746351

Complementary

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



2214016



13115753

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.



16743590



2214016



12754175

Square

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



2214016



49919



16680414



15899718

Rectangle

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



2214016



52192



16680414



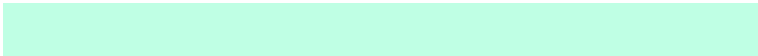
16744833

Sweetspot

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



2214016



12582884



6932513



5865583



0



8421504

Same Dimension

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



2214016



65425



2211272



5923679



41821



9236

Inverse Universe

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



13115753



16711790



13118497



6511198



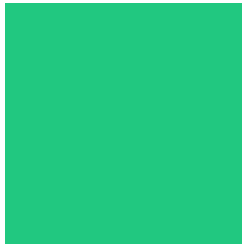
10682438



2359311

Previews

White Background



This preview shows how the Decimal color 2214016 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 Decimal color 2214016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

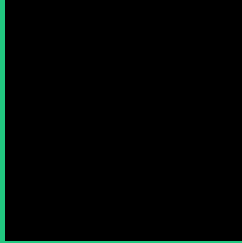
Any Text WCAG AA ✓ Pass

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](#).

Decimal 2214016 Background



This preview shows how black text looks on a background with the Decimal color 2214016.

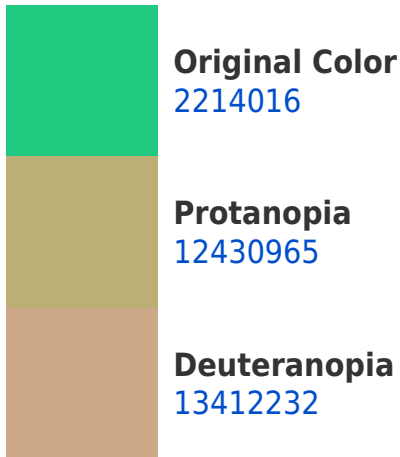


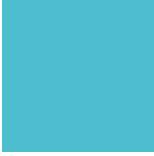
This preview shows how white text looks on a background with the Decimal color 2214016.

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
5029582

Trichromacy



Original Color
2214016



Protanomaly
8697721



Deuteranomaly
9352069



Tritanomaly
3982002

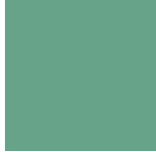
Monochromacy



Original Color
2214016



Achromatopsia
9342606



Achromatomaly
6726537

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2214016 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 #21C880 looks like.

```
.text, #text, p{  
    color:#21C880  
}
```

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 #21C880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C880
}
```

Border

The CSS property to change the border of an element to Decimal 2214016 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
#21C880 }
```

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

```
.border{ border-color:#21C880 }
```

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

Here you see how a box with a 4 pixel #21C880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C880; -webkit-box-shadow:4px 4px  
4px 4px #21C880; box-shadow:4px 4px 4px  
4px #21C880 }
```

Background

The CSS property to change the background color of an element to Decimal 2214016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C880 }
```

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

```
.background{ background-color:#21C880 }
```

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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