

Converting Colors

Decimal(2218334)

Have a look what the booklet for
Decimal(2218334) contains.

Decimal(2218334)	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

Decimal(2218334)

Conversions

Conversions Part 1

Format	Color
Hex	21D95E
RGB	33, 217, 94
RGB Percent	13%, 85%, 37%
CMY	0.8706, 0.1490, 0.6314
CMYK	0.85, 0.00, 0.57, 0.15
HSL	140°, 74%, 49%
HSV	140°, 85%, 85%
XYZ	27.4604, 50.7572, 18.9395
YIQ	147.9620, -70.1810, -77.2610

Conversions

Conversions Part 2

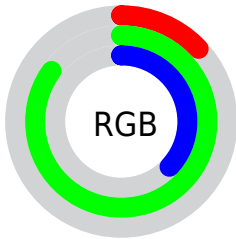
Format	Color
RYB	33, 171, 217
Decimal	2218334
CIELab	76.53, -68.30, 47.89
CIELCh	77, 83.420, 144.961
Yxy	50.7572, 0.2826, 0.5224
Android (android.graphics.Color)	4280408414 (0xFF21D95E)
YUV	147.9620, -26.6033, -100.8217
Hunter-Lab	71.2441, -55.8758, 34.1092

Details

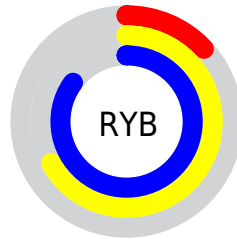
The Decimal color **2218334** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **14229916**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **7536531**, and **41001** is the 20% darker color. If you saturate the color by 10%, you get **776527**, and if you desaturate by 10%, it is **3660141**.

Distribution



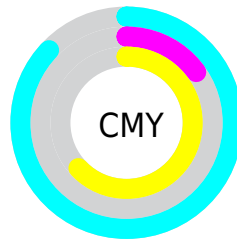
- Red (13%)
- Green (85%)
- Blue (37%)



- Red (13%)
- Yellow (67%)
- Blue (85%)



- Cyan (85%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)




- Cyan (87%)
- Magenta (15%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2218334 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 2218334 by changing the saturation by 10% instead.

 2218334

 2218334

16777215

 48196

 7536531

 41001

 9633711

 34056

 11730891

 27136

 13762536

 20480

 15794175

 14592

 7936

 0

 2218334

 2218334

■ 776527

■ 3660141

■ 55624

■ 5036411

■ 6478218

■ 7920024

■ 9296295

■ 10738101

■ 12179908

■ 13621714

■ 14997985

Harmonies

Analogous

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



10734598



2218334



57261

Triad

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



2218334



51967



16741505

Complementary

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



2218334



14229916

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.



16739789



2218334



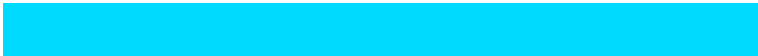
10530559

Square

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



2218334



56063



16747007



16749883

Rectangle

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



2218334



57570



16747007



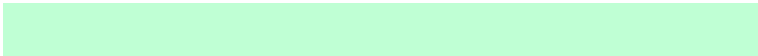
16739994

Sweetspot

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



2218334



12582868



10475809



5865574



0



8421504

Same Dimension

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



2218334



65365



2218423



6516326



44345



11791

Inverse Universe

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



14229916



16711850



14229827



7234410



11337844



3014687

Previews

White Background



This preview shows how the Decimal color 2218334 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 2218334 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 2218334 Background



This preview shows how black text looks on a background with the Decimal color 2218334.



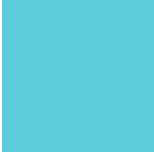
This preview shows how white text looks on a background with the Decimal color 2218334.

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](#).

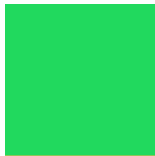
Dichromacy





Tritanopia
5950684

Trichromacy



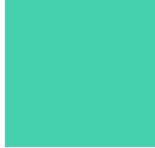
Original Color
2218334



Protanomaly
9487960



Deuteranomaly
10338405



Tritanomaly
4575662

Monochromacy



Original Color
2218334



Achromatopsia
9737364



Achromatomaly
6991232

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2218334 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 #21D95E looks like.

```
.text, #text, p{  
    color:#21D95E  
}
```

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 #21D95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21D95E
}
```

Border

The CSS property to change the border of an element to Decimal 2218334 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
#21D95E }
```

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

```
.border{ border-color:#21D95E }
```

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

Here you see how a box with a 4 pixel #21D95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21D95E; -webkit-box-shadow:4px 4px  
4px 4px #21D95E; box-shadow:4px 4px 4px  
4px #21D95E }
```

Background

The CSS property to change the background color of an element to Decimal 2218334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21D95E }
```

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

```
.background{ background-color:#21D95E }
```

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