

Converting Colors

Decimal(4186507)

Have a look what the booklet for
Decimal(4186507) contains.

Decimal(4186507)	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(4186507)

Conversions

Conversions Part 1

Format	Color
Hex	3FE18B
RGB	63, 225, 139
RGB Percent	25%, 88%, 55%
CMY	0.7529, 0.1176, 0.4549
CMYK	0.72, 0.00, 0.38, 0.12
HSL	148°, 73%, 56%
HSV	148°, 72%, 88%
XYZ	33.6353, 56.7713, 33.6113
YIQ	166.7580, -68.9460, -61.0900

Conversions

Conversions Part 2

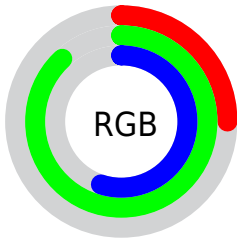
Format	Color
RYB	63, 173, 225
Decimal	4186507
CIELab	80.05, -60.35, 30.44
CIELCh	80, 67.591, 153.236
Yxy	56.7713, 0.2712, 0.4578
Android (android.graphics.Color)	4282376587 (0xFF3FE18B)
YUV	166.7580, -13.6847, -90.9958
Hunter-Lab	75.3467, -52.1731, 26.2941

Details

The Decimal color **4186507** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle washed spring green. A complement of this color would be **14761877**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **8650689**, and **43096** is the 20% darker color. If you saturate the color by 10%, you get **2744703**, and if you desaturate by 10%, it is **5693847**.

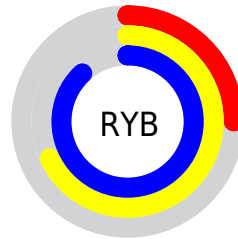
Distribution



Red (25%)

Green (88%)

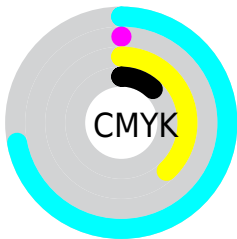
Blue (55%)



Red (25%)

Yellow (68%)

Blue (88%)

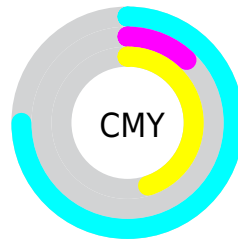


Cyan (72%)

Magenta (0%)

Yellow (38%)

Black (12%)



Cyan (75%)

Magenta (12%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4186507 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 4186507 by changing the saturation by 10% instead.



4186507



4186507

16777215



50289



8650689



43096



10682333



36160



12713978



29224



14680063



22544

16711679



16128



10240



0



4186507



4186507

■ 2744703

■ 5693847

■ 1237363

■ 7135651

■ 57706

■ 8642991

■ 10084795

■ 11592135

■ 13033939

■ 14475743

■ 15983083

■ 16769526

Harmonies

Analogous

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



10671958



4186507



58828

Triad

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



4186507



4770815



16750469

Complementary

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



4186507



14761877

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.



16747970



4186507



13808639

Square

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



4186507



56575



16751359



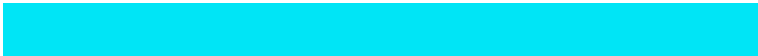
16756308

Rectangle

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



4186507



58870



16751359



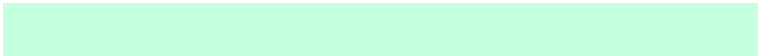
16748952

Sweetspot

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



4186507



13107169



9822527



6193262



0



8421504

Same Dimension

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



4186507



2424715



4186588



6647914



45139



12311

Inverse Universe

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



14761877



16721048



14761796



7365995



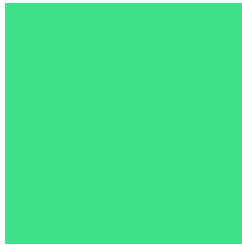
11534429



3145754

Previews

White Background



This preview shows how the Decimal color 4186507 looks on a white background.

Color Contrast Check

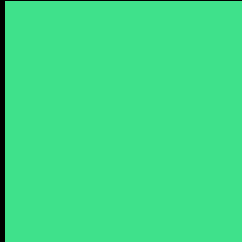
Large Text (above 18pt) WCAG AA × Fail

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 4186507 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 4186507 Background



This preview shows how black text looks on a background with the Decimal color 4186507.

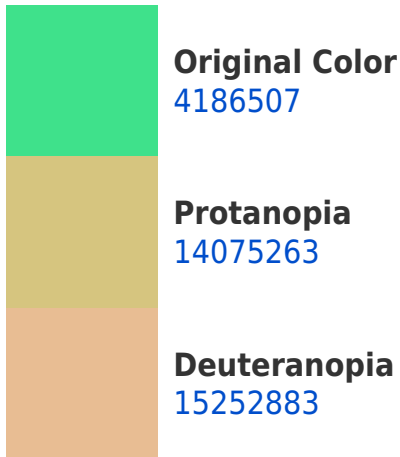


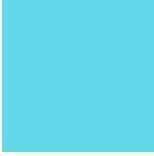
This preview shows how white text looks on a background with the Decimal color 4186507.

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
6543079

Trichromacy



Original Color
4186507



Protanomaly
10473347



Deuteranomaly
11258512



Tritanomaly
5692102

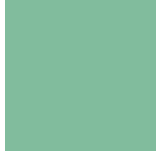
Monochromacy



Original Color
4186507



Achromatopsia
10987431



Achromatomaly
8502429

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4186507 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 #3FE18B looks like.

```
.text, #text, p{  
    color:#3FE18B  
}
```

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 #3FE18B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FE18B
}
```

Border

The CSS property to change the border of an element to Decimal 4186507 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
#3FE18B }
```

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

```
.border{ border-color:#3FE18B }
```

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

Here you see how a box with a 4 pixel #3FE18B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FE18B; -webkit-box-shadow:4px 4px  
4px 4px #3FE18B; box-shadow:4px 4px 4px  
4px #3FE18B }
```

Background

The CSS property to change the background color of an element to Decimal 4186507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FE18B }
```

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

```
.background{ background-color:#3FE18B }
```

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