

Converting Colors

Decimal(4180998)

Have a look what the booklet for
Decimal(4180998) contains.

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Color

Decimal(4180998)

Conversions

Conversions Part 1

Format	Color
Hex	3FCC06
RGB	63, 204, 6
RGB Percent	25%, 80%, 2%
CMY	0.7529, 0.2000, 0.9765
CMYK	0.69, 0.00, 0.97, 0.20
HSL	103°, 94%, 41%
HSV	103°, 97%, 80%
XYZ	23.6756, 44.2556, 7.4667
YIQ	139.2690, -20.4780, -91.4700

Conversions

Conversions Part 2

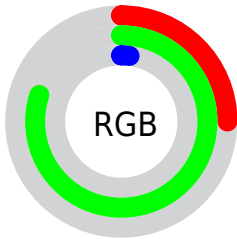
Format	Color
RYB	6, 204, 147
Decimal	4180998
CIELab	72.40, -66.43, 70.55
CIELCh	72, 96.904, 133.278
Yxy	44.2556, 0.3140, 0.5870
Android (android.graphics.Color)	4282371078 (0xFF3FCC06)
YUV	139.2690, -65.7016, -66.8879
Hunter-Lab	66.5249, -52.8920, 39.9128

Details

The Decimal color **4180998** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9635532**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **8650579**, and **37888** is the 20% darker color. If you saturate the color by 10%, you get **3918848**, and if you desaturate by 10%, it is **5164058**.

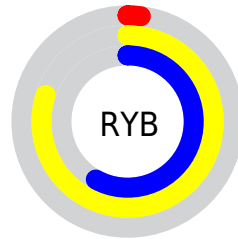
Distribution



Red (25%)

Green (80%)

Blue (2%)



Red (2%)

Yellow (80%)

Blue (58%)

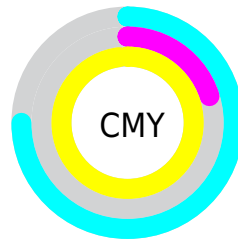


Cyan (69%)

Magenta (0%)

Yellow (97%)

Black (20%)



Cyan (75%)

Magenta (20%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4180998 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 4180998 by changing the saturation by 10% instead.



4180998



4180998

16777215



110592



8650579



37888



10682224



30976



12648333



24320



14679978



17920



16711623



11776



16777188



4096



0



4180998



4180998

■ 3918848

■ 5164058

■ 6081583

■ 7064643

■ 7982168

■ 8965228

■ 9882752

■ 10865813

■ 11783337

■ 12766398

Harmonies

Analogous

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



11713024



4180998



54651

Triad

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



4180998



51967



16728206

Complementary

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



4180998



9635532

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.



16732391



4180998



45311

Square

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



4180998



54783



14976511



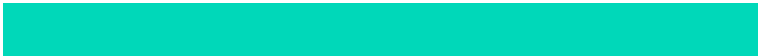
16739896

Rectangle

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



4180998



55481



14976511



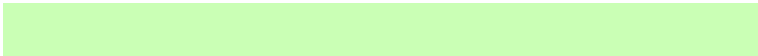
16727212

Sweetspot

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



4180998



13303733



13406470



6324307



0



8421504

Same Dimension

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



4180998



4849408



445486



6252124



3188224



730624

Inverse Universe

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



9635532



11927807



13371044



6511718



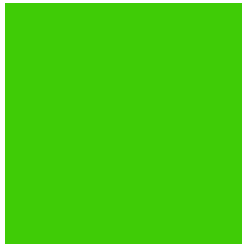
7733414



1769510

Previews

White Background



This preview shows how the Decimal color 4180998 looks on a white background.

Color Contrast Check

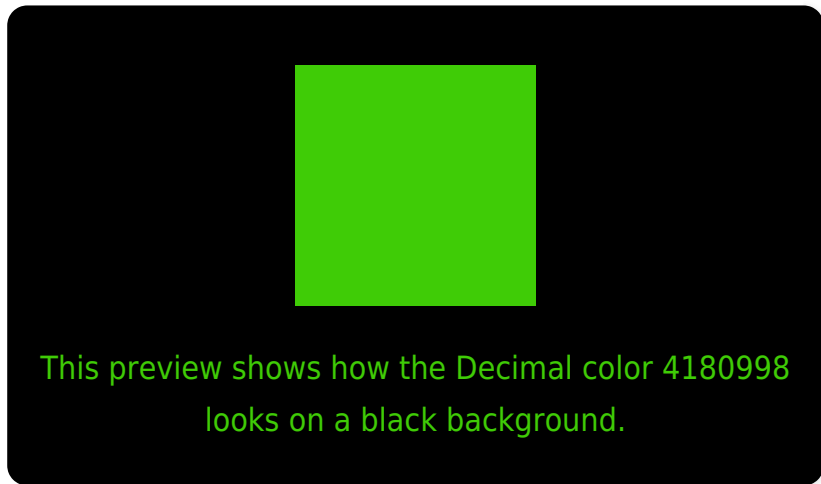
Large Text (above 18pt) WCAG AA × Fail

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](#).

Decimal 4180998 Background



This preview shows how black text looks on a background with the Decimal color 4180998.

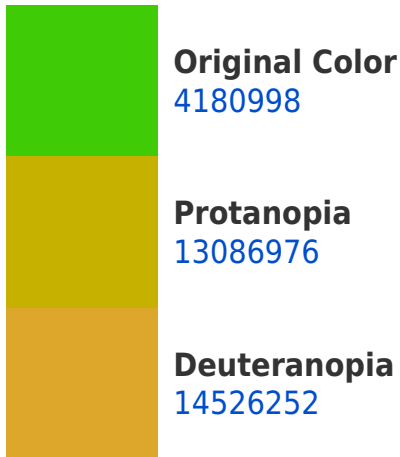


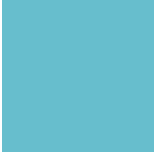
This preview shows how white text looks on a background with the Decimal color 4180998.

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
6799053

Trichromacy



Original Color
4180998



Protanomaly
9878274



Deuteranomaly
10794014



Tritanomaly
5817221

Monochromacy



Original Color
4180998



Achromatopsia
9145227



Achromatomaly
7316315

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4180998 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 #3FCC06 looks like.

```
.text, #text, p{  
    color:#3FCC06  
}
```

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 #3FCC06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FCC06
}
```

Border

The CSS property to change the border of an element to Decimal 4180998 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
#3FCC06 }
```

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

```
.border{ border-color:#3FCC06 }
```

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

Here you see how a box with a 4 pixel #3FCC06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FCC06; -webkit-box-shadow:4px 4px  
4px 4px #3FCC06; box-shadow:4px 4px 4px  
4px #3FCC06 }
```

Background

The CSS property to change the background color of an element to Decimal 4180998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FCC06 }
```

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

```
.background{ background-color:#3FCC06 }
```

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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