

Converting Colors

Decimal(5298206)

Have a look what the booklet for
Decimal(5298206) contains.

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Color

Decimal(5298206)

Conversions

Conversions Part 1

Format	Color
Hex	50D81E
RGB	80, 216, 30
RGB Percent	31%, 85%, 12%
CMY	0.6863, 0.1529, 0.8824
CMYK	0.63, 0.00, 0.86, 0.15
HSL	104°, 76%, 48%
HSV	104°, 86%, 85%
XYZ	28.0985, 50.9109, 9.5742
YIQ	154.1320, -21.3500, -86.6780

Conversions

Conversions Part 2

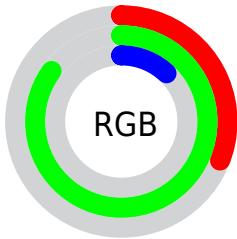
Format	Color
RYB	30, 216, 166
Decimal	5298206
CIELab	76.63, -66.16, 70.76
CIELCh	77, 96.876, 133.076
Yxy	50.9109, 0.3172, 0.5747
Android (android.graphics.Color)	4283488286 (0xFF50D81E)
YUV	154.1320, -61.1971, -65.0138
Hunter-Lab	71.3519, -54.5723, 41.9907

Details

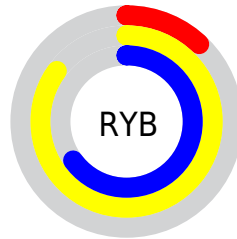
The Decimal color **5298206** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **10886872**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9568095**, and **40960** is the 20% darker color. If you saturate the color by 10%, you get **4249608**, and if you desaturate by 10%, it is **6346804**.

Distribution



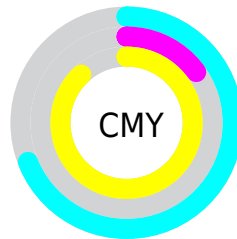
- Red (31%)
- Green (85%)
- Blue (12%)



- Red (12%)
- Yellow (85%)
- Blue (65%)



- Cyan (63%)
- Magenta (0%)
- Yellow (86%)
- Black (15%)



- Cyan (69%)
- Magenta (15%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5298206 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 5298206 by changing the saturation by 10% instead.

 5298206


 5298206

16777215

 2604032

 9568095

 40960

 11534204

 34048

 13565848

 27136

 15597493

 20480

 16777170

 14592

 16777200

 7936

 0

 5298206

 5298206

■ 4249608

■ 6346804

■ 3856384

■ 7395401

■ 8378463

■ 9427060

■ 10475658

■ 11524256

■ 12572853

■ 13555915

■ 14604512

Harmonies

Analogous

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



12567808



5298206



57733

Triad

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



5298206



55039



16732826

Complementary

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



5298206



10886872

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.



16736244



5298206



48127

Square

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



5298206



58111



15766015



16742980

Rectangle

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



5298206



58564



15766015



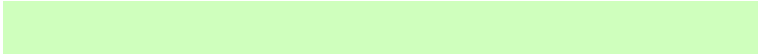
16731832

Sweetspot

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



5298206



13631421



14197534



6520920



0



8421504

Same Dimension

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



5298206



4587264



2021446



6515552



3058432



797440

Inverse Universe

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



10886872



12189951



14163632



6840427



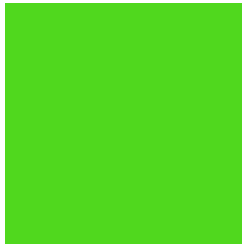
8192171



2097195

Previews

White Background



This preview shows how the Decimal color 5298206 looks on a white background.

Color Contrast Check

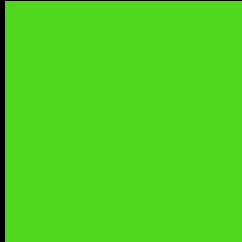
Large Text (above 18pt) WCAG AA × Fail

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 5298206 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

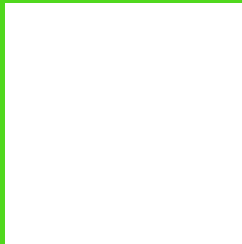
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5298206 Background



This preview shows how black text looks on a background with the Decimal color 5298206.



This preview shows how white text looks on a background with the Decimal color 5298206.

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](#).

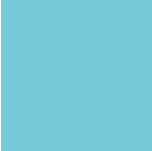
Dichromacy



Original Color
5298206

Protanopia
13876245

Deuteranopia
15446581



Tritanopia
7719385

Trichromacy



Original Color
5298206



Protanomaly
10733080



Deuteranomaly
11780141



Tritanomaly
6868629

Monochromacy



Original Color
5298206



Achromatopsia
10132122



Achromatomaly
8368493

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5298206 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 #50D81E looks like.

```
.text, #text, p{  
    color:#50D81E  
}
```

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 #50D81E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D81E
}
```

Border

The CSS property to change the border of an element to Decimal 5298206 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
#50D81E }
```

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

```
.border{ border-color:#50D81E }
```

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

Here you see how a box with a 4 pixel #50D81E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D81E; -webkit-box-shadow:4px 4px  
4px 4px #50D81E; box-shadow:4px 4px 4px  
4px #50D81E }
```

Background

The CSS property to change the background color of an element to Decimal 5298206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D81E }
```

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

```
.background{ background-color:#50D81E }
```

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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