

Converting Colors

Decimal(5301806)

Have a look what the booklet for
Decimal(5301806) contains.

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Color

Decimal(5301806)

Conversions

Conversions Part 1

Format	Color
Hex	50E62E
RGB	80, 230, 46
RGB Percent	31%, 90%, 18%
CMY	0.6863, 0.0980, 0.8196
CMYK	0.65, 0.00, 0.80, 0.10
HSL	109°, 79%, 54%
HSV	109°, 80%, 90%
XYZ	32.0982, 58.4964, 12.1839
YIQ	164.1740, -30.3360, -89.0240

Conversions

Conversions Part 2

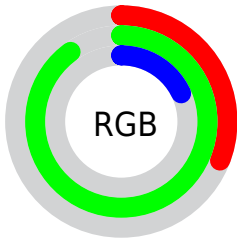
Format	Color
RYB	46, 230, 196
Decimal	5301806
CIELab	81.01, -69.97, 70.89
CIELCh	81, 99.606, 134.627
Yxy	58.4964, 0.3123, 0.5691
Android (android.graphics.Color)	4283491886 (0xFF50E62E)
YUV	164.1740, -58.2598, -73.8206
Hunter-Lab	76.4829, -58.9325, 44.0930

Details

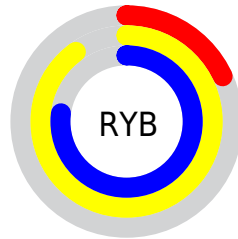
The Decimal color **5301806** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **12857062**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9699179**, and **44288** is the 20% darker color. If you saturate the color by 10%, you get **4056599**, and if you desaturate by 10%, it is **6547013**.

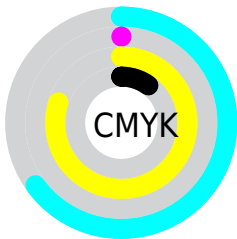
Distribution



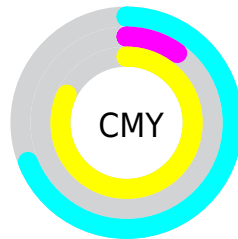
- Red (31%)
- Green (90%)
- Blue (18%)



- Red (18%)
- Yellow (90%)
- Blue (77%)



- Cyan (65%)
- Magenta (0%)
- Yellow (80%)
- Black (10%)



- Cyan (69%)
- Magenta (10%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5301806 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 5301806 by changing the saturation by 10% instead.

 5301806

 5301806

16777215

 2410752

 9699179

 44288

 11730824

 37120

 13762469

 30208

 15794113

 23552

 16777183

 17152

16777213

 11008

 1792

 0

■ 5301806

■ 5301806

■ 4056599

■ 6547013

■ 2811392

■ 7792220

■ 8971891

■ 10217098

■ 11462305

■ 12707512

■ 13887183

■ 15132390

■ 16377597

Harmonies

Analogous

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



13095680



5301806



61332

Triad

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



5301806



58111



16735648

Complementary

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



5301806



12857062

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.



16738301



5301806



902655

Square

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



5301806



61439



16751103



16746311

Rectangle

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



5301806



62166



16751103



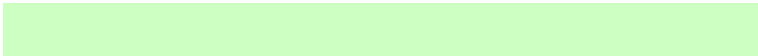
16734655

Sweetspot

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



5301806



13500354



15122734



6389851



0



8421504

Same Dimension

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



5301806



3669770



3073637



6910823



2208512



602880

Inverse Universe

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



12857062



13765375



15085231



7432051



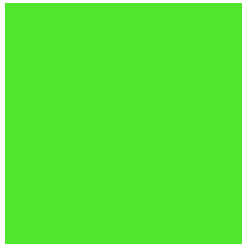
9568435



2752563

Previews

White Background



This preview shows how the Decimal color 5301806 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 5301806 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

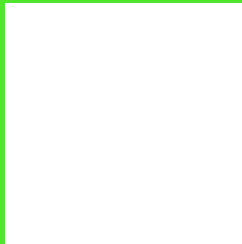
Any Text WCAG AAA ✓ Pass

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

Decimal 5301806 Background



This preview shows how black text looks on a background with the Decimal color 5301806.



This preview shows how white text looks on a background with the Decimal color 5301806.

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](#).

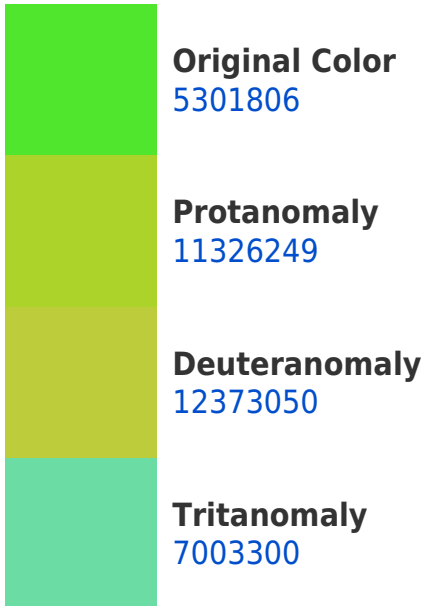
Dichromacy





Tritanopia
7984871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5301806 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 #50E62E looks like.

```
.text, #text, p{  
    color:#50E62E  
}
```

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 #50E62E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E62E
}
```

Border

The CSS property to change the border of an element to Decimal 5301806 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
#50E62E }
```

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

```
.border{ border-color:#50E62E }
```

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

Here you see how a box with a 4 pixel #50E62E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E62E; -webkit-box-shadow:4px 4px  
4px 4px #50E62E; box-shadow:4px 4px 4px  
4px #50E62E }
```

Background

The CSS property to change the background color of an element to Decimal 5301806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E62E }
```

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

```
.background{ background-color:#50E62E }
```

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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