

# Converting Colors

Decimal(5490991)

Have a look what the booklet for  
Decimal(5490991) contains.

<b>Decimal(5490991)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(5490991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C92F
RGB	83, 201, 47
RGB Percent	33%, 79%, 18%
CMY	0.6745, 0.2118, 0.8157
CMYK	0.59, 0.00, 0.77, 0.21
HSL	106°, 62%, 49%
HSV	106°, 77%, 79%
XYZ	24.9670, 43.8175, 9.8311
YIQ	148.1620, -20.8940, -72.9100

# Conversions

## Conversions Part 2

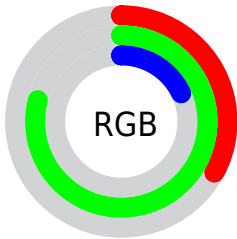
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 201, 165
Decimal	5490991
CIELab	72.11, -59.55, 62.18
CIELCh	72, 86.099, 133.761
Yxy	43.8175, 0.3176, 0.5574
Android (android.graphics.Color)	4283681071 (0xFF53C92F)
YUV	148.1620, -49.8729, -57.1471
Hunter-Lab	66.1948, -48.5152, 37.5308

# Details

The Decimal color **5490991** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **10825673**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9502568**, and **37376** is the 20% darker color. If you saturate the color by 10%, you get **4507931**, and if you desaturate by 10%, it is **6474051**.

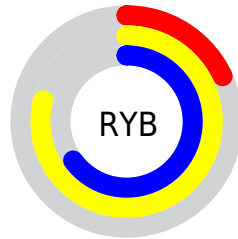
# Distribution



Red (33%)

Green (79%)

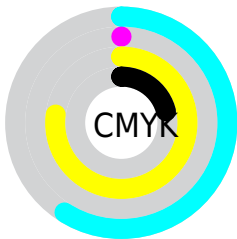
Blue (18%)



Red (18%)

Yellow (79%)

Blue (65%)

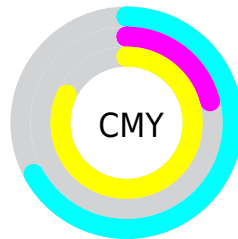


Cyan (59%)

Magenta (0%)

Yellow (77%)

Black (21%)



Cyan (67%)

Magenta (21%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5490991 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 5490991 by changing the saturation by 10% instead.



 5490991

 5490991

16777215

 3190021

 9502568

 37376

 11468676

 30464

 13434784

 23808

 15400892

 17408

 16777177

 11520

 16777206

 3584

 0

 5490991

 5490991

■ 4507931

■ 6474051

■ 3459335

■ 7522647

■ 3131648

■ 8505707

■ 9554303

■ 10537364

■ 11520424

■ 12569020

■ 13552080

■ 14600676

# Harmonies

## Analogous

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



11712512



5490991



53634

# Triad

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



5490991



50943



16734864

# Complementary

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



5490991



10825673

# 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.



16737247



5490991



2535167

# Square

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



5490991



53759



14781183



16742726

# Rectangle

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



5490991



54457



14781183



16734122

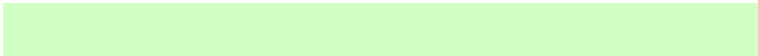


# Sweetspot

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



5490991



13828036



13214511



6586460



0



8421504



# Same Dimension

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



5490991



4980500



3131734



6054746



2532096



533504



# Inverse Universe

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



10825673



13112575



13184931



6380131



8192163

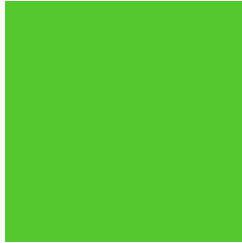


1769508



# Previews

## White Background



This preview shows how the Decimal color 5490991 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 5490991 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

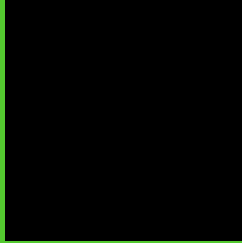
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5490991 Background



This preview shows how black text looks on a background with the Decimal color 5490991.

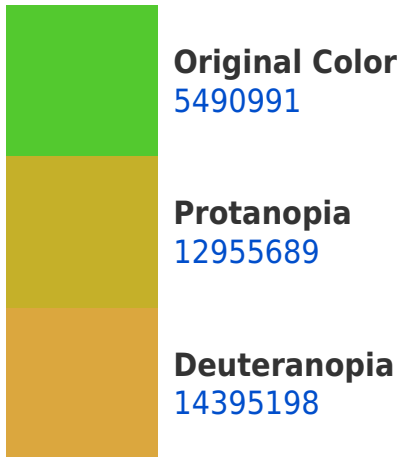


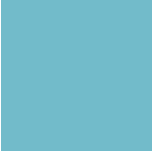
This preview shows how white text looks on a background with the Decimal color 5490991.

# 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**  
7519178

# Trichromacy



**Original Color**  
5490991



**Protanomaly**  
10271019



**Deuteranomaly**  
11187001

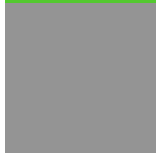


**Tritanomaly**  
6799506

# Monochromacy



**Original Color**  
5490991



**Achromatopsia**  
9737364



**Achromatomaly**  
8169327

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5490991 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 #53C92F looks like.

```
.text, #text, p{  
    color:#53C92F  
}
```

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 #53C92F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C92F  
}
```

## Border

The CSS property to change the border of an element to Decimal 5490991 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  
#53C92F }
```

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

```
.border{ border-color:#53C92F }
```

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

Here you see how a box with a 4 pixel #53C92F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C92F; -webkit-box-shadow:4px 4px  
4px 4px #53C92F; box-shadow:4px 4px 4px  
4px #53C92F }
```

# Background

The CSS property to change the background color of an element to Decimal 5490991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C92F }
```

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

```
.background{ background-color:#53C92F }
```

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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