

# Converting Colors

Decimal(5949742)

Have a look what the booklet for  
Decimal(5949742) contains.

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**Color**

**Decimal(5949742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AC92E
RGB	90, 201, 46
RGB Percent	35%, 79%, 18%
CMY	0.6471, 0.2118, 0.8196
CMYK	0.55, 0.00, 0.77, 0.21
HSL	103°, 63%, 48%
HSV	103°, 77%, 79%
XYZ	25.5962, 44.1442, 9.7564
YIQ	150.1410, -16.4010, -71.7370

# Conversions

## Conversions Part 2

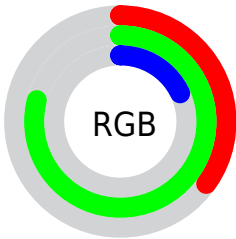
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 201, 157
Decimal	5949742
CIELab	72.32, -57.82, 62.79
CIELCh	72, 85.358, 132.644
Yxy	44.1442, 0.3220, 0.5553
Android (android.graphics.Color)	4284139822 (0xFF5AC92E)
YUV	150.1410, -51.3415, -52.7437
Hunter-Lab	66.4411, -47.5053, 37.8025

# Details

The Decimal color **5949742** 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 **10301129**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9895783**, and **299520** is the 20% darker color. If you saturate the color by 10%, you get **5032218**, and if you desaturate by 10%, it is **6867266**.

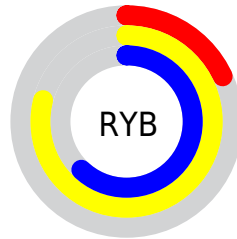
# Distribution



Red (35%)

Green (79%)

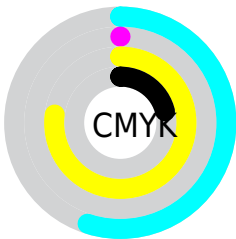
Blue (18%)



Red (18%)

Yellow (79%)

Blue (62%)

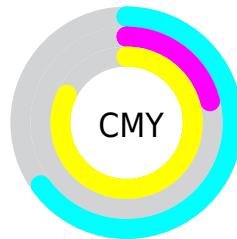


Cyan (55%)

Magenta (0%)

Yellow (77%)

Black (21%)



Cyan (65%)

Magenta (21%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5949742 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 5949742 by changing the saturation by 10% instead.



■ 5949742

■ 5949742

16777215

■ 3779842

■ 9895783

■ 299520

■ 11861891

■ 30464

■ 13827999

■ 23808

■ 15794108

■ 17408

■ 16777176

■ 11776

■ 16777206

■ 3840

■ 0

■ 5949742

■ 5949742

■ 5032218

■ 6867266

■ 4049158

■ 7850326

■ 3787008

■ 8767850

■ 9750910

■ 10668435

■ 11585959

■ 12569019

■ 13486543

■ 14469603

# Harmonies

## Analogous

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



11974656



5949742



53888

# Triad

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



5949742



51199



16735124

# Complementary

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



5949742



10301129

# 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.



16738018



5949742



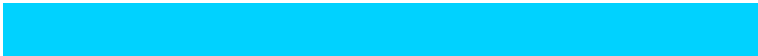
897279

# Square

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



5949742



54015



14519551



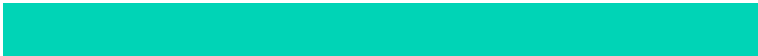
16742730

# Rectangle

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



5949742



54454



14519551



16734894

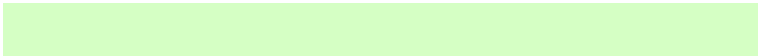


# Sweetspot

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



5949742



14024644



13212462



6717532



0



8421504



# Same Dimension

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



5949742



5635858



3066189



6054746



3056384



664576



# Inverse Universe

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



10301129



12325631



13184682



6380131



7667875



1703972



# Previews

## White Background



This preview shows how the Decimal color 5949742 looks on a white background.

## Color Contrast Check

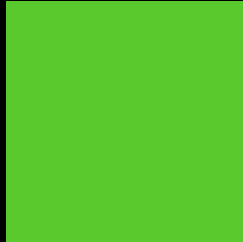
Large Text (above 18pt) WCAG AA × Fail

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 5949742 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 5949742 Background



This preview shows how black text looks on a background with the Decimal color 5949742.



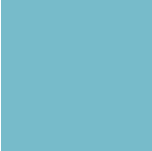
This preview shows how white text looks on a background with the Decimal color 5949742.

# 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](#).

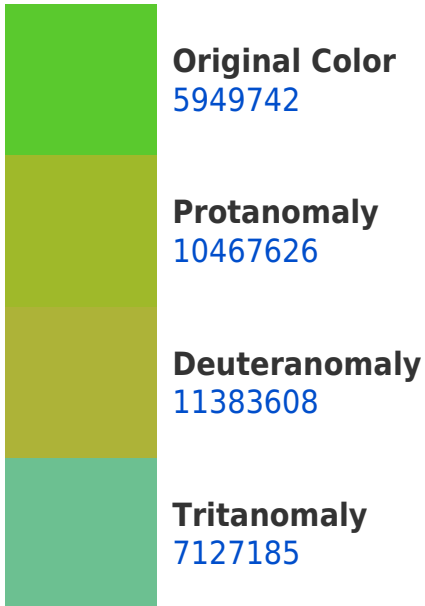
## Dichromacy





**Tritanopia**  
7846858

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5949742 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 #5AC92E looks like.

```
.text, #text, p{  
    color:#5AC92E  
}
```

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 #5AC92E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC92E
}
```

## Border

The CSS property to change the border of an element to Decimal 5949742 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
#5AC92E }
```

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

```
.border{ border-color:#5AC92E }
```

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

Here you see how a box with a 4 pixel #5AC92E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC92E; -webkit-box-shadow:4px 4px  
4px 4px #5AC92E; box-shadow:4px 4px 4px  
4px #5AC92E }
```

# Background

The CSS property to change the background color of an element to Decimal 5949742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC92E }
```

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

```
.background{ background-color:#5AC92E }
```

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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