

# Converting Colors

Decimal(5949986)

Have a look what the booklet for  
Decimal(5949986) contains.

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# **Color**

**Decimal(5949986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ACA22
RGB	90, 202, 34
RGB Percent	35%, 79%, 13%
CMY	0.6471, 0.2078, 0.8667
CMYK	0.55, 0.00, 0.83, 0.21
HSL	100°, 71%, 46%
HSV	100°, 83%, 79%
XYZ	25.6257, 44.5302, 8.7580
YIQ	149.3600, -12.8240, -75.9920

# Conversions

## Conversions Part 2

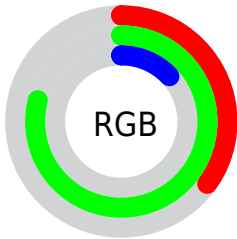
Format	Color
<a href="#">RYB</a>	<a href="#">34, 202, 146</a>
Decimal	<a href="#">5949986</a>
CIELab	<a href="#">72.58, -58.81, 66.39</a>
CIELCh	<a href="#">73, 88.692, 131.532</a>
Yxy	<a href="#">44.5302, 0.3247, 0.5643</a>
Android (android.graphics.Color)	<a href="#">4284140066 (0xFF5ACA22)</a>
YUV	<a href="#">149.3600, -56.8725, -52.0587</a>
Hunter-Lab	<a href="#">66.7310, -48.2324, 38.9303</a>

# Details

The Decimal color **5949986** 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 **9577162**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9961311**, and **37632** is the 20% darker color. If you saturate the color by 10%, you get **5097998**, and if you desaturate by 10%, it is **6801974**.

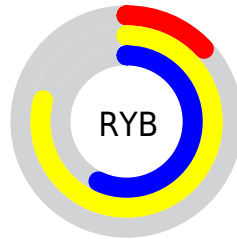
# Distribution



Red (35%)

Green (79%)

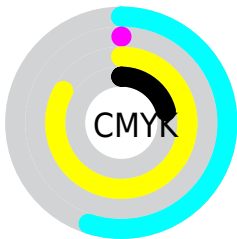
Blue (13%)



Red (13%)

Yellow (79%)

Blue (57%)

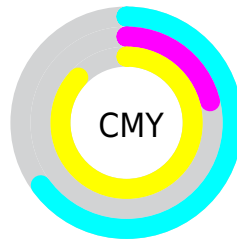


Cyan (55%)

Magenta (0%)

Yellow (83%)

Black (21%)



Cyan (65%)

Magenta (21%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5949986 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 5949986 by changing the saturation by 10% instead.



 5949986

 5949986

16777215

 3714560

 9961311

 37632

 11927420

 30720

 13893528

 24064

 15859636

 17664

 16777169

 12032

 16777198

 4096

 0

 5949986

 5949986

■ 5097998

■ 6801974

■ 4442624

■ 7719498

■ 8571487

■ 9489011

■ 10340999

■ 11258523

■ 12110511

■ 13028036

■ 13880024

# Harmonies

## Analogous

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



12171264



5949986



54139

# Triad

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



5949986



51711



16733590

# Complementary

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



5949986



9577162

# 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.



16736999



5949986



45823

# Square

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



5949986



54527



14388735



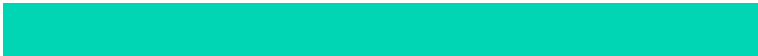
16741705

# Rectangle

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



5949986



54964



14388735



16733105

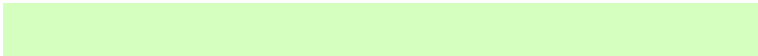


# Sweetspot

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



5949986



14024639



13275682



6717529



0



8421504



# Same Dimension

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



5949986



5635840



2279998



6252124



3646976



861696



# Inverse Universe

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



9577162



11141375



13247150



6511718



7274662

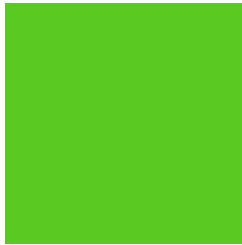


1703974



# Previews

## White Background



This preview shows how the Decimal color 5949986 looks on a white background.

## Color Contrast Check

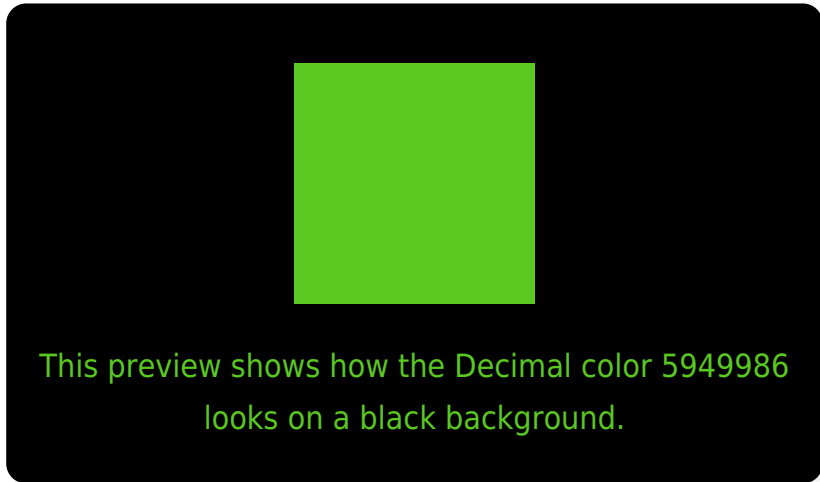
Large Text (above 18pt) WCAG AA × Fail

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 5949986 Background



This preview shows how black text looks on a background with the Decimal color 5949986.



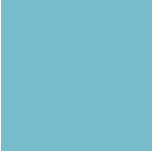
This preview shows how white text looks on a background with the Decimal color 5949986.

# 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



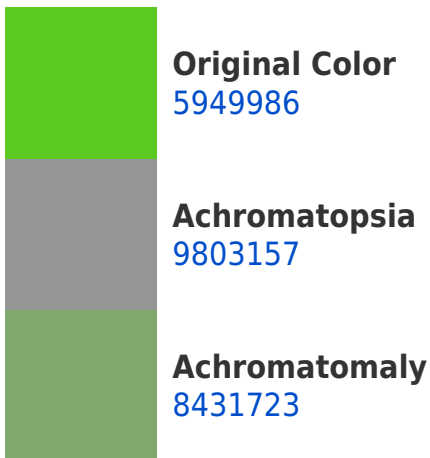


**Tritanopia**  
7847115

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5949986 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 #5ACA22 looks like.

```
.text, #text, p{  
    color:#5ACA22  
}
```

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 #5ACA22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ACA22
}
```

## Border

The CSS property to change the border of an element to Decimal 5949986 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
#5ACA22 }
```

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

```
.border{ border-color:#5ACA22 }
```

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

Here you see how a box with a 4 pixel #5ACA22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ACA22; -webkit-box-shadow:4px 4px  
4px 4px #5ACA22; box-shadow:4px 4px 4px  
4px #5ACA22 }
```

# Background

The CSS property to change the background color of an element to Decimal 5949986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ACA22 }
```

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

```
.background{ background-color:#5ACA22 }
```

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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