

# Converting Colors

Decimal(5951814)

Have a look what the booklet for  
Decimal(5951814) contains.

<b>Decimal(5951814)</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(5951814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD146
RGB	90, 209, 70
RGB Percent	35%, 82%, 27%
CMY	0.6471, 0.1804, 0.7255
CMYK	0.57, 0.00, 0.67, 0.18
HSL	111°, 60%, 55%
HSV	111°, 67%, 82%
XYZ	28.1224, 48.2168, 13.6189
YIQ	157.5730, -26.3050, -68.4570

# Conversions

## Conversions Part 2

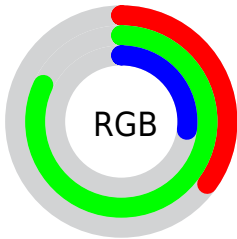
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 209, 189
Decimal	5951814
CIELab	74.96, -58.90, 56.81
CIELCh	75, 81.831, 136.034
Yxy	48.2168, 0.3126, 0.5360
Android (android.graphics.Color)	4284141894 (0xFF5AD146)
YUV	157.5730, -43.1735, -59.2615
Hunter-Lab	69.4383, -49.2248, 36.9783

# Details

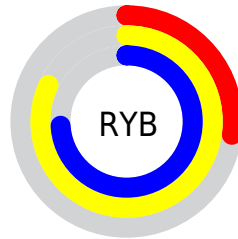
The Decimal color **5951814** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **12404433**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9895804**, and **104705** is the 20% darker color. If you saturate the color by 10%, you get **4772145**, and if you desaturate by 10%, it is **7131483**.

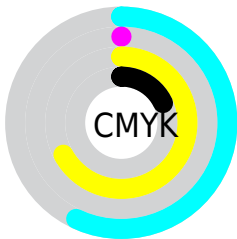
# Distribution



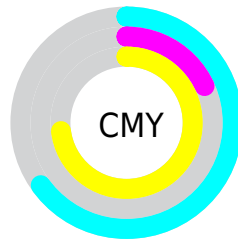
- Red (35%)
- Green (82%)
- Blue (27%)



- Red (27%)
- Yellow (82%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5951814 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 5951814 by changing the saturation by 10% instead.



■ 5951814

■ 5951814

16777215

■ 3781929

■ 9895804

■ 104705

■ 11861912

■ 32512

■ 13828020

■ 25600

■ 15794128

■ 19200

■ 16777197

■ 13312

■ 6656

■ 0

■ 5951814

■ 5951814

 4772145

 7131483

 3592476

 8311152

 2412807

 9490821

 2019584

 10670490

 11784623

 12964291

 14143960

 15323629

 16503295

# Harmonies

## Analogous

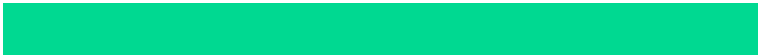
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11976960



5951814



55697

# Triad

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



5951814



52223



16739475

# Complementary

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



5951814



12404433

# 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.



16740575



5951814



6665215

# Square

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



5951814



55551



15634943



16746317

# Rectangle

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



5951814



56262



15634943



16738732

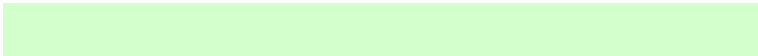


# Sweetspot

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



5951814



13893580



13745222



6652001



0



8421504



# Same Dimension

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



5951814



5308211



4641143



6318430



1615872



403712



# Inverse Universe

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



12404433



14824447



13715104



6774377



9437352



2293801



# Previews

## White Background



This preview shows how the Decimal color 5951814 looks on a white background.

## Color Contrast Check

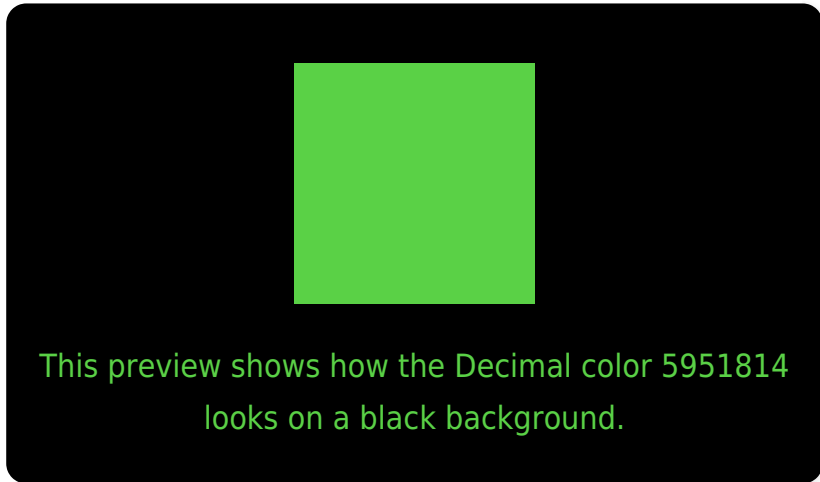
Large Text (above 18pt) WCAG AA × Fail

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 5951814 Background



This preview shows how black text looks on a background with the Decimal color 5951814.

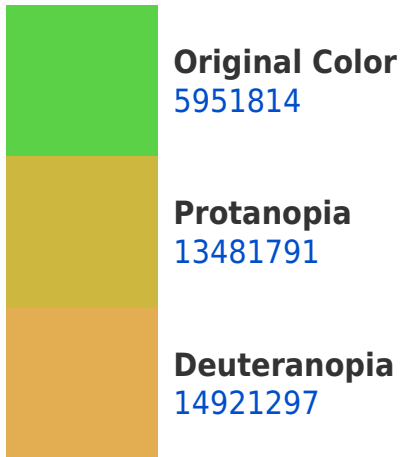


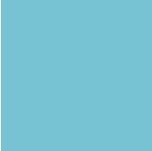
This preview shows how white text looks on a background with the Decimal color 5951814.

# 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**  
7914451

# Trichromacy



**Original Color**  
5951814



**Protanomaly**  
10731586



**Deuteranomaly**  
11647821



**Tritanomaly**  
7194784

# Monochromacy



**Original Color**  
5951814



**Achromatopsia**  
10395294



**Achromatomaly**  
8761726

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5951814 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 #5AD146 looks like.

```
.text, #text, p{  
    color:#5AD146  
}
```

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 #5AD146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD146
}
```

## Border

The CSS property to change the border of an element to Decimal 5951814 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
#5AD146 }
```

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

```
.border{ border-color:#5AD146 }
```

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

Here you see how a box with a 4 pixel #5AD146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD146; -webkit-box-shadow:4px 4px  
4px 4px #5AD146; box-shadow:4px 4px 4px  
4px #5AD146 }
```

# Background

The CSS property to change the background color of an element to Decimal 5951814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD146 }
```

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

```
.background{ background-color:#5AD146 }
```

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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