

# Converting Colors

Decimal(5091167)

Have a look what the booklet for  
Decimal(5091167) contains.

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# **Color**

**Decimal(5091167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DAF5F
RGB	77, 175, 95
RGB Percent	30%, 69%, 37%
CMY	0.6980, 0.3137, 0.6275
CMYK	0.56, 0.00, 0.46, 0.31
HSL	131°, 39%, 49%
HSV	131°, 56%, 69%
XYZ	20.4561, 33.0639, 16.1303
YIQ	136.5780, -32.7280, -45.6560

# Conversions

## Conversions Part 2

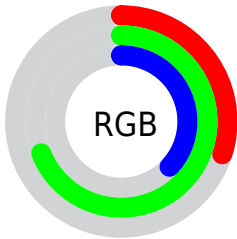
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 160, 175
Decimal	5091167
CIELab	64.21, -46.11, 32.47
CIElCh	64, 56.393, 144.843
Yxy	33.0639, 0.2937, 0.4747
Android (android.graphics.Color)	4283281247 (0xFF4DAF5F)
YUV	136.5780, -20.4980, -52.2499
Hunter-Lab	57.5013, -37.1258, 23.6188

# Details

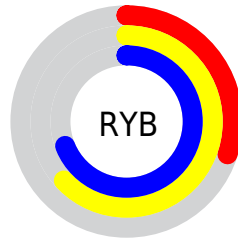
The Decimal color **5091167** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11488669**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **8841107**, and **31022** is the 20% darker color. If you saturate the color by 10%, you get **3911505**, and if you desaturate by 10%, it is **6205293**.

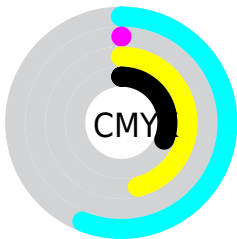
# Distribution



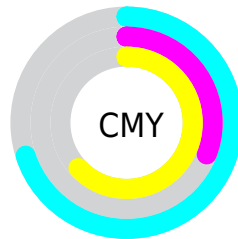
- Red (30%)
- Green (69%)
- Blue (37%)



- Red (30%)
- Yellow (63%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (46%)
- Black (31%)



- Cyan (70%)
- Magenta (31%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5091167 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 5091167 by changing the saturation by 10% instead.



 5091167

 5091167

16777215

 3118150

 8841107

 31022

 10682286

 24599

 12582857

 18176

 14483430

 12288

 16383999

 5888

 0

 5091167

 5091167

 3911505

 6205293

■ 2797378

■ 7384956

■ 1683252

■ 8564618

■ 503590

■ 9678744

■ 44832

■ 10792870

■ 11972533

■ 13086659

■ 14266321

■ 15445984

# Harmonies

## Analogous

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



9348410



5091167



46225

# Triad

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



5091167



42239



16216692

# Complementary

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



5091167



11488669

# 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.



15888295



5091167



9409271

# Square

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



5091167



45037



13729238



14910282

# Rectangle

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



5091167



46260



13729238



16281477



# Sweetspot

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



5091167



12379075



10334029



6058848



15921906



7566195



# Same Dimension

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



5091167



4973415



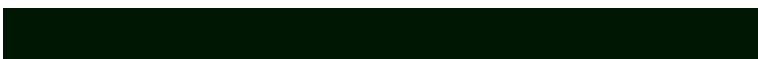
5091216



5134160



38428



5892



# Inverse Universe

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



11488669



14896071



11488620



5721685



9830523



1507347



# Previews

## White Background



This preview shows how the Decimal color 5091167 looks on a white background.

## Color Contrast Check

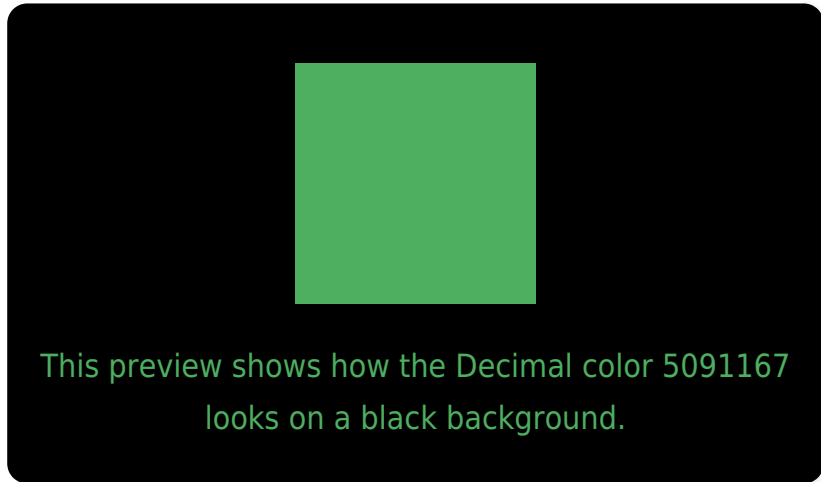
Large Text (above 18pt) WCAG AA × Fail

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

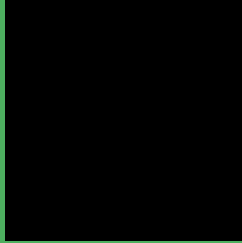
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5091167 Background



This preview shows how black text looks on a background with the Decimal color 5091167.

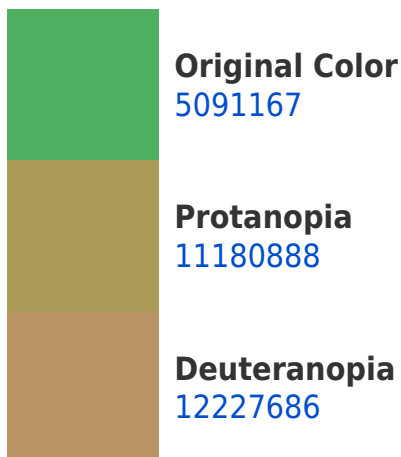


This preview shows how white text looks on a background with the Decimal color 5091167.

# 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



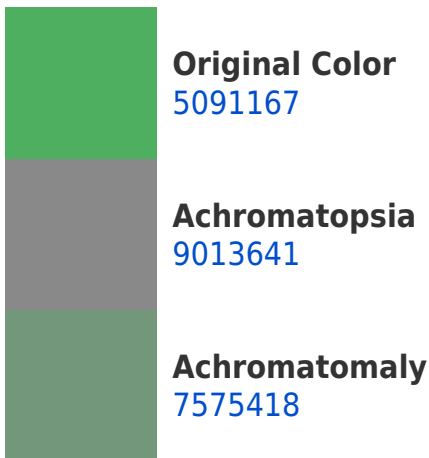


**Tritanopia**  
6464947

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5091167 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 #4DAF5F looks like.

```
.text, #text, p{  
    color:#4DAF5F  
}
```

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 #4DAF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAF5F
}
```

## Border

The CSS property to change the border of an element to Decimal 5091167 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
#4DAF5F }
```

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

```
.border{ border-color:#4DAF5F }
```

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

Here you see how a box with a 4 pixel #4DAF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAF5F; -webkit-box-shadow:4px 4px  
4px 4px #4DAF5F; box-shadow:4px 4px 4px  
4px #4DAF5F }
```

# Background

The CSS property to change the background color of an element to Decimal 5091167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAF5F }
```

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

```
.background{ background-color:#4DAF5F }
```

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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