

Converting Colors

Decimal(5094767)

Have a look what the booklet for
Decimal(5094767) contains.

Decimal(5094767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5094767)

Conversions

Conversions Part 1

Format	Color
Hex	4DBD6F
RGB	77, 189, 111
RGB Percent	30%, 74%, 44%
CMY	0.6980, 0.2588, 0.5647
CMYK	0.59, 0.00, 0.41, 0.26
HSL	138°, 46%, 52%
HSV	138°, 59%, 74%
XYZ	24.1274, 39.1207, 21.3183
YIQ	146.6200, -41.7140, -48.0020

Conversions

Conversions Part 2

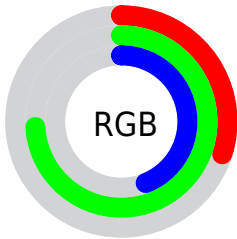
Format	Color
RYB	77, 163, 189
Decimal	5094767
CIELab	68.84, -49.10, 30.14
CIELCh	69, 57.609, 148.455
Yxy	39.1207, 0.2853, 0.4626
Android (android.graphics.Color)	4283284847 (0xFF4DBD6F)
YUV	146.6200, -17.5607, -61.0567
Hunter-Lab	62.5465, -40.5998, 23.5742

Details

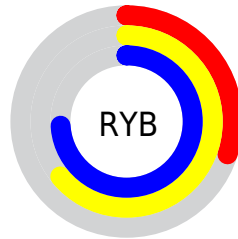
The Decimal color **5094767** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12406171**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8910499**, and **34622** is the 20% darker color. If you saturate the color by 10%, you get **3849570**, and if you desaturate by 10%, it is **6339964**.

Distribution



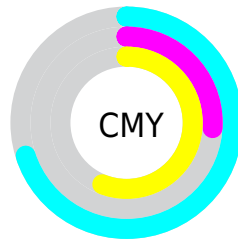
- Red (30%)
- Green (74%)
- Blue (44%)



- Red (30%)
- Yellow (64%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (41%)
- Black (26%)



- Cyan (70%)
- Magenta (26%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5094767 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 5094767 by changing the saturation by 10% instead.

 5094767

 5094767

16777215

 2924886

 8910499

 34622

 10813375

 27686

 12713947

 21263

 14680056

 15104


 16646143

 9472

 0

 5094767

 5094767

 3849570

 6339964

■ 2604373

■ 7585161

■ 1359176

■ 8830358

■ 113978

■ 10075556

■ 48441

■ 11255217

■ 12500414

■ 13745611

■ 14990808

■ 16236005

Harmonies

Analogous

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



9679943



5094767



49571

Triad

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



5094767



2076671



16744313

Complementary

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



5094767



12406171

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.



16743085



5094767



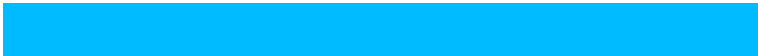
10853375

Square

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



5094767



48127



15042271



15700303

Rectangle

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



5094767



49863



15042271



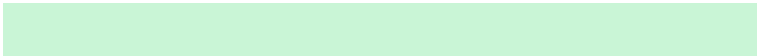
16743306

Sweetspot

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



5094767



13235670



10206541



6257256



16448250



8026746

Same Dimension

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



5094767



4715900



5094823



5594712



40496



7945

Inverse Universe

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



12406171



16074688



12406115



6182235



10354798



2031637

Previews

White Background



This preview shows how the Decimal color 5094767 looks on a white background.

Color Contrast Check

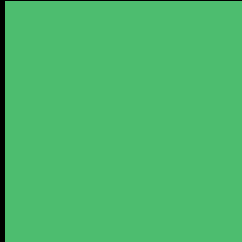
Large Text (above 18pt) WCAG AA × Fail

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 5094767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

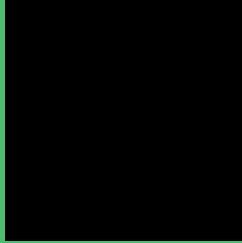
Any Text WCAG AA ✓ Pass

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 5094767 Background



This preview shows how black text looks on a background with the Decimal color 5094767.

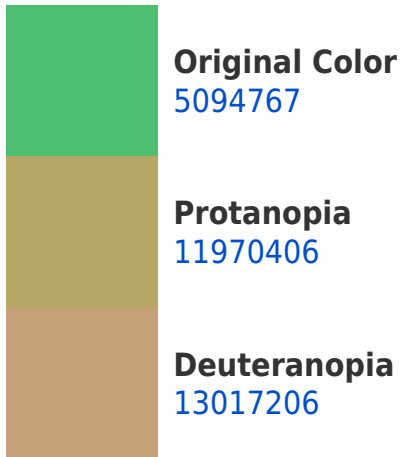


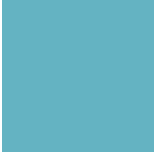
This preview shows how white text looks on a background with the Decimal color 5094767.

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
6599618

Trichromacy



Original Color

5094767



Protanomaly

9482089



Deuteranomaly

10136435



Tritanomaly

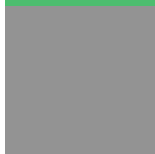
6076324

Monochromacy



Original Color

5094767



Achromatopsia

9671571



Achromatomaly

8036998

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5094767 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 #4DBD6F looks like.

```
.text, #text, p{  
  color:#4DBD6F  
}
```

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 #4DBD6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBD6F
}
```

Border

The CSS property to change the border of an element to Decimal 5094767 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
#4DBD6F }
```

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

```
.border{ border-color:#4DBD6F }
```

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

Here you see how a box with a 4 pixel #4DBD6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBD6F; -webkit-box-shadow:4px 4px  
4px 4px #4DBD6F; box-shadow:4px 4px 4px  
4px #4DBD6F }
```

Background

The CSS property to change the background color of an element to Decimal 5094767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBD6F }
```

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

```
.background{ background-color:#4DBD6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor