

# Converting Colors

Decimal(5046142)

Have a look what the booklet for  
Decimal(5046142) contains.

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# **Color**

**Decimal(5046142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CFF7E
RGB	76, 255, 126
RGB Percent	30%, 100%, 49%
CMY	0.7020, 0.0000, 0.5059
CMYK	0.70, 0.00, 0.51, 0.00
HSL	137°, 100%, 65%
HSV	137°, 70%, 100%
XYZ	42.5064, 74.5629, 31.8904
YIQ	186.7730, -65.2750, -78.0670

# Conversions

## Conversions Part 2

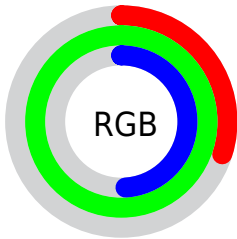
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 216, 255
Decimal	5046142
CIELab	89.19, -71.03, 48.54
CIELCh	89, 86.033, 145.655
Yxy	74.5629, 0.2854, 0.5006
Android (android.graphics.Color)	4283236222 (0xFF4CFF7E)
YUV	186.7730, -29.9611, -97.1479
Hunter-Lab	86.3498, -63.2440, 38.5481

# Details

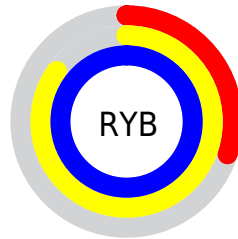
The Decimal color **5046142** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **16731341**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **9568181**, and **50505** is the 20% darker color. If you saturate the color by 10%, you get **3407724**, and if you desaturate by 10%, it is **6750096**.

# Distribution



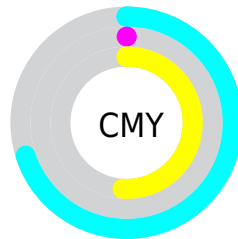
- Red (30%)
- Green (100%)
- Blue (49%)



- Red (30%)
- Yellow (85%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5046142 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 5046142 by changing the saturation by 10% instead.



 5046142

 5046142

16777215

 1499747

 9568181

 50505

 11665361

 43311

 13762542

 36112

 15794175

 29184

 22528

 16128

 9728

 0

■ 5046142

■ 5046142

■ 3407724

■ 6750096

■ 1703769

■ 8388515

■ 65351

■ 10092469

■ 11730888

■ 13434842

■ 15073260

16777215

# Harmonies

## Analogous

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



12906552



5046142



65489

# Triad

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



5046142



60927



16750750

# Complementary

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



5046142



16731341

# 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.



16749040



5046142



13225983

# Square

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



5046142



65535



16755711



16758615

# Rectangle

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



5046142



65535



16755711



16748984

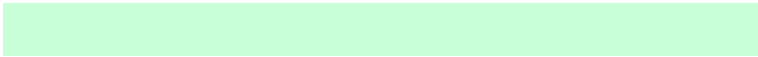


# Sweetspot

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



5046142



13238232



13631308



6324329



0



8421504



# Same Dimension

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



5046142



2752357



5046229



7569526



48949



16402



# Inverse Universe

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



16731341



16722371



16731254



8418172



12517514

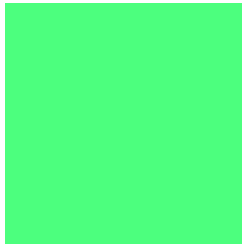


4194350



# Previews

## White Background



This preview shows how the Decimal color 5046142 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 5046142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

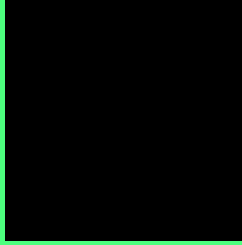
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 5046142 Background



This preview shows how black text looks on a background with the Decimal color 5046142.

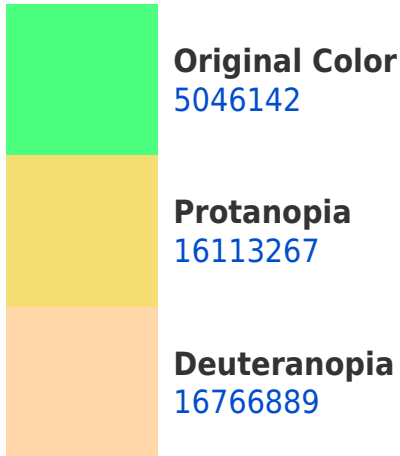



This preview shows how white text looks on a background with the Decimal color 5046142.

# 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**  
9236223

# Trichromacy



**Original Color**  
5046142



**Protanomaly**  
12118647



**Deuteranomaly**  
12510873

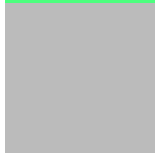


**Tritanomaly**  
7730384

# Monochromacy



**Original Color**  
5046142



**Achromatopsia**  
12303291



**Achromatomaly**  
9688229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5046142 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 #4CFF7E looks like.

```
.text, #text, p{  
    color:#4CFF7E  
}
```

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 #4CFF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF7E
}
```

## Border

The CSS property to change the border of an element to Decimal 5046142 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
#4CFF7E }
```

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

```
.border{ border-color:#4CFF7E }
```

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

Here you see how a box with a 4 pixel #4CFF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF7E; -webkit-box-shadow:4px 4px  
4px 4px #4CFF7E; box-shadow:4px 4px 4px  
4px #4CFF7E }
```

# Background

The CSS property to change the background color of an element to Decimal 5046142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF7E }
```

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

```
.background{ background-color:#4CFF7E }
```

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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