

Converting Colors

Decimal(5111666)

Have a look what the booklet for
Decimal(5111666) contains.

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Color

Decimal(5111666)

Conversions

Conversions Part 1

Format	Color
Hex	4DFF72
RGB	77, 255, 114
RGB Percent	30%, 100%, 45%
CMY	0.6980, 0.0000, 0.5529
CMYK	0.70, 0.00, 0.55, 0.00
HSL	132°, 100%, 65%
HSV	132°, 70%, 100%
XYZ	41.8578, 74.3127, 28.0572
YIQ	185.7040, -60.8270, -81.5870

Conversions

Conversions Part 2

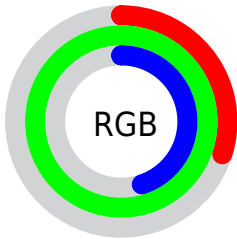
Format	Color
RYB	77, 224, 255
Decimal	5111666
CIELab	89.07, -72.48, 53.89
CIELCh	89, 90.316, 143.371
Yxy	74.3127, 0.2902, 0.5152
Android (android.graphics.Color)	4283301746 (0xFF4DFF72)
YUV	185.7040, -35.3501, -95.3334
Hunter-Lab	86.2048, -64.1855, 41.0461

Details

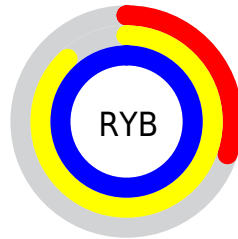
The Decimal color **5111666** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **16731610**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **9633705**, and **50492** is the 20% darker color. If you saturate the color by 10%, you get **3473246**, and if you desaturate by 10%, it is **6815622**.

Distribution



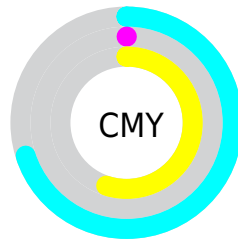
- Red (30%)
- Green (100%)
- Blue (45%)



- Red (30%)
- Yellow (88%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5111666 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 5111666 by changing the saturation by 10% instead.

 5111666

 5111666

16777215

 1630807

 9633705

 50492

 11730885

 43295

 13828066

 36096

 15859711

 29184

 22528

 16128

 9472

 0

■ 5111666

■ 5111666

■ 3473246

■ 6815622

■ 1769290

■ 8454042

■ 130869

■ 10157999

■ 65333

■ 11796419

■ 13500375

■ 15138795

16777215

Harmonies

Analogous

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



13233953



5111666



65481

Triad

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



5111666



61695



16748705

Complementary

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



5111666



16731610

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.



16747511



5111666



12177919

Square

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



5111666



65535



16755199



16757076

Rectangle

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



5111666



65535



16755199



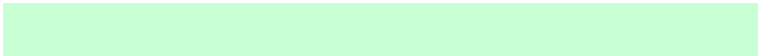
16747197

Sweetspot

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



5111666



13238229



14417741



6324326



0



8421504

Same Dimension

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



5111666



2752341



5111754



7569525



48936



16397

Inverse Universe

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



16731610



16722386



16731522



8418173



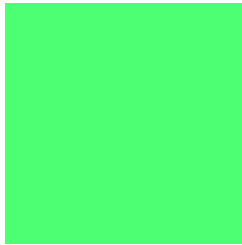
12517527



4194354

Previews

White Background



This preview shows how the Decimal color 5111666 looks on a white background.

Color Contrast Check

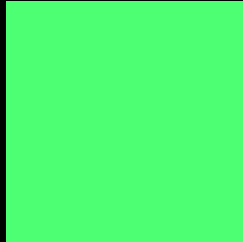
Large Text (above 18pt) WCAG AA × Fail

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 5111666 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 511666 Background



This preview shows how black text looks on a background with the Decimal color 511666.

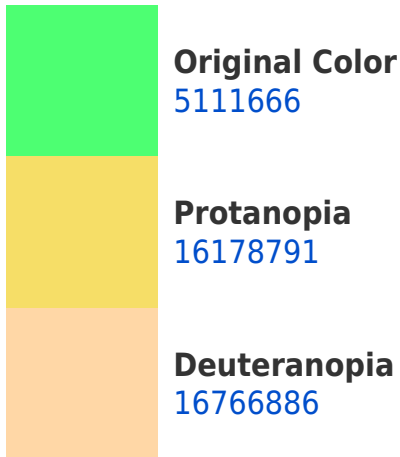


This preview shows how white text looks on a background with the Decimal color 511666.

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



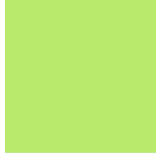


Tritanopia
9170687

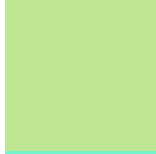
Trichromacy



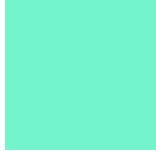
Original Color
5111666



Protanomaly
12184171

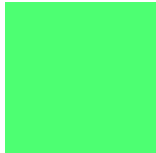


Deuteranomaly
12510867



Tritanomaly
7664844

Monochromacy



Original Color
5111666



Achromatopsia
12237498



Achromatomaly
9622432

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5111666 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 #4DFF72 looks like.

```
.text, #text, p{  
    color:#4DFF72  
}
```

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 #4DFF72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFF72
}
```

Border

The CSS property to change the border of an element to Decimal 5111666 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
#4DFF72 }
```

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

```
.border{ border-color:#4DFF72 }
```

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

Here you see how a box with a 4 pixel #4DFF72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFF72; -webkit-box-shadow:4px 4px  
4px 4px #4DFF72; box-shadow:4px 4px 4px  
4px #4DFF72 }
```

Background

The CSS property to change the background color of an element to Decimal 5111666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFF72 }
```

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

```
.background{ background-color:#4DFF72 }
```

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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