

Converting Colors

Decimal(5046095)

Have a look what the booklet for
Decimal(5046095) contains.

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Color

Decimal(5046095)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF4F
RGB	76, 255, 79
RGB Percent	30%, 100%, 31%
CMY	0.7020, 0.0000, 0.6902
CMYK	0.70, 0.00, 0.69, 0.00
HSL	121°, 100%, 65%
HSV	121°, 70%, 100%
XYZ	40.1518, 73.6210, 19.4912
YIQ	181.4150, -50.1880, -92.6840

Conversions

Conversions Part 2

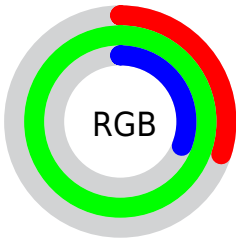
Format	Color
RYB	76, 252, 255
Decimal	5046095
CIELab	88.74, -76.31, 67.87
CIELCh	89, 102.129, 138.349
Yxy	73.6210, 0.3013, 0.5524
Android (android.graphics.Color)	4283236175 (0xFF4CFF4F)
YUV	181.4150, -50.4906, -92.4490
Hunter-Lab	85.8027, -66.6248, 46.5934

Details

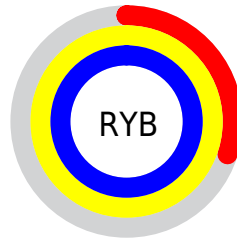
The Decimal color **5046095** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **16731388**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **9699208**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **3407670**, and if you desaturate by 10%, it is **6750056**.

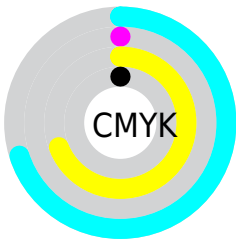
Distribution



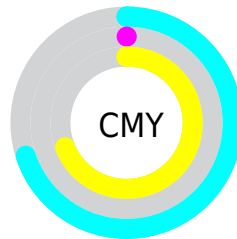
- Red (30%)
- Green (100%)
- Blue (31%)



- Red (30%)
- Yellow (99%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046095 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 5046095 by changing the saturation by 10% instead.

■ 5046095

■ 5046095

16777215

■ 1172016

■ 9699208

■ 50432

■ 11796389

■ 43008

■ 13893569

■ 36096

■ 15990751

■ 29184

■ 16777212

■ 22272

■ 16128

■ 9472

■ 0

■ 5046095

■ 5046095

■ 3407670

■ 6750056

■ 1703709

■ 8388481

■ 65284

■ 10092442

■ 11730867

■ 13434828

■ 15073253

16777215

Harmonies

Analogous

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



13822976



5046095



65460

Triad

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



5046095



62975



16742312

Complementary

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



5046095



16731388

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.



16742911



5046095



8246783

Square

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



5046095



65535



16754687



16752972

Rectangle

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



5046095



65528



16754687



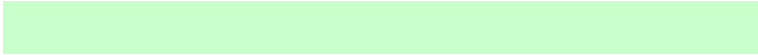
16740808

Sweetspot

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



5046095



13238218



16580428



6324320



0



8421504

Same Dimension

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



5046095



2752300



5046184



7569523



48899



16385

Inverse Universe

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



16731388



16722427



16731299



8418175



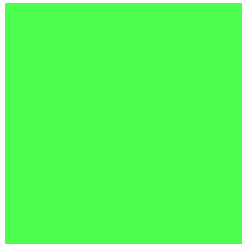
12517564



4194367

Previews

White Background



This preview shows how the Decimal color 5046095 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 5046095 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 5046095 Background



This preview shows how black text looks on a background with the Decimal color 5046095.

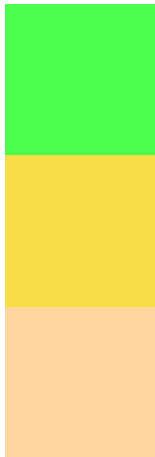


This preview shows how white text looks on a background with the Decimal color 5046095.

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



Original Color
5046095

Protanopia
16244038

Deuteranopia
16766622



Tritanopia
8908287

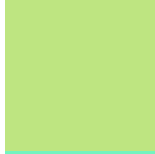
Trichromacy



Original Color
5046095



Protanomaly
12183881

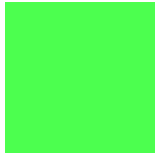


Deuteranomaly
12510593



Tritanomaly
7533759

Monochromacy



Original Color
5046095



Achromatopsia
11908533



Achromatomaly
9425040

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046095 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 #4CFF4F looks like.

```
.text, #text, p{  
    color:#4CFF4F  
}
```

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 #4CFF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF4F
}
```

Border

The CSS property to change the border of an element to Decimal 5046095 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
#4CFF4F }
```

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

```
.border{ border-color:#4CFF4F }
```

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

Here you see how a box with a 4 pixel #4CFF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF4F; -webkit-box-shadow:4px 4px  
4px 4px #4CFF4F; box-shadow:4px 4px 4px  
4px #4CFF4F }
```

Background

The CSS property to change the background color of an element to Decimal 5046095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF4F }
```

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

```
.background{ background-color:#4CFF4F }
```

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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