

Converting Colors

Decimal(5963647)

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Decimal(5963647) contains.

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Color

Decimal(5963647)

Conversions

Conversions Part 1	
Format	Color
Hex	5AFF7F
RGB	90, 255, 127
RGB Percent	35%, 100%, 50%
CMY	0.6471, 0.0000, 0.5020
CMYK	0.65, 0.00, 0.50, 0.00
HSL	133°, 100%, 68%
HSV	133°, 65%, 100%
XYZ	43.8072, 75.2260, 32.2899
YIQ	191.0730, -57.2520, -74.7880

Conversions

Conversions Part 2

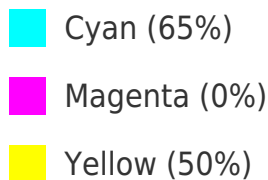
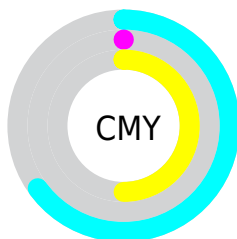
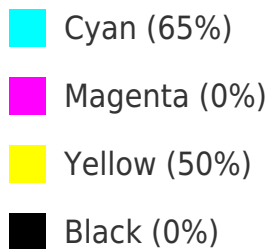
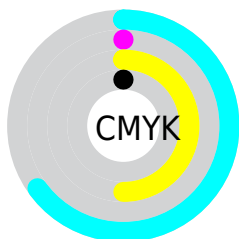
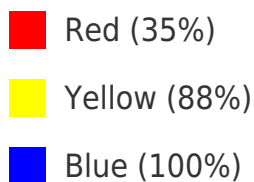
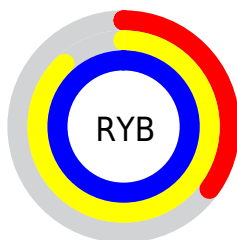
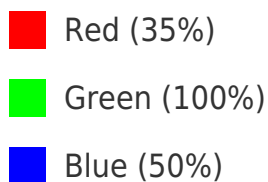
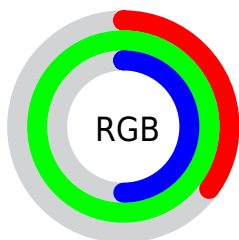
Format	Color
RYB	90, 225, 255
Decimal	5963647
CIELab	89.50, -68.51, 48.52
CIELCh	89, 83.954, 144.693
Yxy	75.2260, 0.2895, 0.4971
Android (android.graphics.Color)	4284153727 (0xFF5AFF7F)
YUV	191.0730, -31.5880, -88.6410
Hunter-Lab	86.7329, -61.6255, 38.6399

Details

The Decimal color **5963647** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **16734938**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **10289078**, and **50506** is the 20% darker color. If you saturate the color by 10%, you get **4325227**, and if you desaturate by 10%, it is **7667603**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 5963647 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 5963647 by changing the saturation by 10% instead.

 5963647

 5963647

16777215

 3334756

 10289078

 50506

 12320722

 43312

 14352367

 36114

 16383999

 29184

 22528

 16128

 9984

 0

 5963647

 5963647

 4325227

 7667603

 2621271

 9306023

 982852

 11009978

 65337

 12648398

 14352354

 15990774

16777215

Harmonies

Analogous

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



13234237



5963647



65488

Triad

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



5963647



61183



16751523

Complementary

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



5963647



16734938

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.



16750067



5963647



13095679

Square

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



5963647



65535



16756479



16758877

Rectangle

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



5963647



65535



16756479



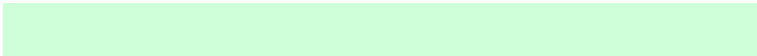
16750013

Sweetspot

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



5963647



13631449



14417754



6455401



0



8421504

Same Dimension

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



5963647



3735397



5963728



7569526



48939



16398

Inverse Universe

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



16734938



16726226



16734857



8418173



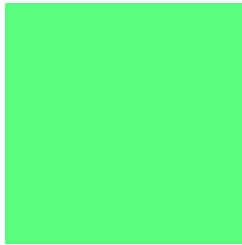
12517524



4194353

Previews

White Background



This preview shows how the Decimal color 5963647 looks on a white background.

Color Contrast Check

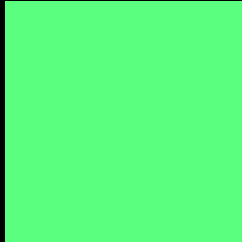
Large Text (above 18pt) WCAG AA × Fail

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 5963647
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 5963647 Background



This preview shows how black text looks on a background with the Decimal color 5963647.

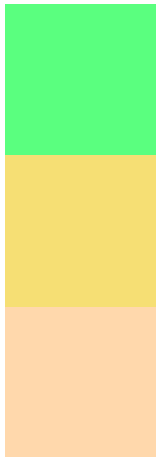


This preview shows how white text looks on a background with the Decimal color 5963647.

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](#).

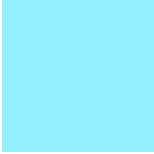
Dichromacy



Original Color
5963647

Protanopia
16179060

Deuteranopia
16767148

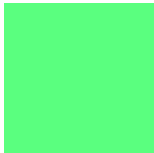
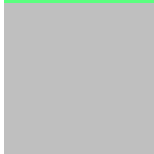
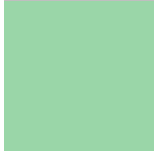


Tritanopia
9694975

Trichromacy

	Original Color 5963647
	Protanomaly 12446584
	Deuteranomaly 12838556
	Tritanomaly 8320208

Monochromacy

	Original Color 5963647
	Achromatopsia 12566463
	Achromatomaly 10147496

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5963647 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 #5AFF7F looks like.

```
.text, #text, p{  
    color:#5AFF7F  
}
```

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 #5AFF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AFF7F
}
```

Border

The CSS property to change the border of an element to Decimal 5963647 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
#5AFF7F }
```

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

```
.border{ border-color:#5AFF7F }
```

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

Here you see how a box with a 4 pixel #5AFF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AFF7F; -webkit-box-shadow:4px 4px  
4px 4px #5AFF7F; box-shadow:4px 4px 4px  
4px #5AFF7F }
```

Background

The CSS property to change the background color of an element to Decimal 5963647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AFF7F }
```

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

```
.background{ background-color:#5AFF7F }
```

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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