

Converting Colors

Decimal(6159872)

Have a look what the booklet for
Decimal(6159872) contains.

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Color

Decimal(6159872)

Conversions

Conversions Part 1

Format	Color
Hex	5DFE00
RGB	93, 254, 0
RGB Percent	36%, 100%, 0%
CMY	0.6353, 0.0039, 1.0000
CMYK	0.63, 0.00, 1.00, 0.00
HSL	98°, 100%, 50%
HSV	98°, 100%, 100%
XYZ	39.9560, 73.2108, 12.0252
YIQ	176.9050, -14.4220, -113.1260

Conversions

Conversions Part 2

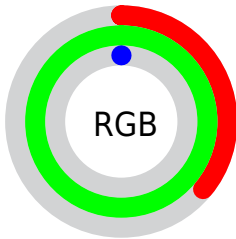
Format	Color
RYB	0, 254, 161
Decimal	6159872
CIELab	88.55, -76.08, 84.30
CIELCh	89, 113.555, 132.067
Yxy	73.2108, 0.3192, 0.5848
Android (android.graphics.Color)	4284349952 (0xFF5DFE00)
YUV	176.9050, -87.2142, -73.5847
Hunter-Lab	85.5633, -66.3805, 51.5616

Details

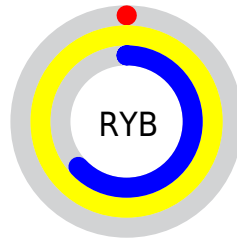
The Decimal color **6159872** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **10551550**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **10616668**, and **50176** is the 20% darker color. If you saturate the color by 10%, you get **6159872**, and if you desaturate by 10%, it is **7208473**.

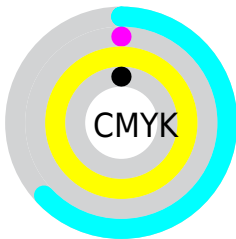
Distribution



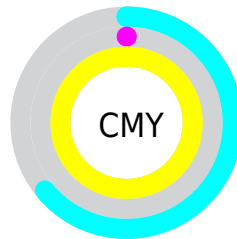
- Red (36%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (63%)



- Cyan (63%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)





















- Cyan (64%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6159872 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 6159872 by changing the saturation by 10% instead.

 6159872	 6159872
 16777215	 3334400
 10616668	 50176
 12713851	 43008
 14811033	 35840
 16777143	 28928
 16777173	 22272
 16777203	 15872
	 9216
	 0

 6159872

 7208473

 8257075

 9305676

 10354278

 11468415

 12517016

 13565618

 14614219

 15662821

Harmonies

Analogous

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



14935808



6159872



65431

Triad

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



6159872



65023



16733368

Complementary

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



6159872



10551550

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.



16739071



6159872



56831

Square

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



6159872



65535



16755455



16746831

Rectangle

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



6159872



65507



16755455



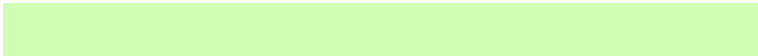
16732636

Sweetspot

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



6159872



13631411



16687360



6455378



0



8421504

Same Dimension

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



6159872



6160128



65058



7831667



4636416



1523712

Inverse Universe

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



10551550



10617087



16646364



8090496



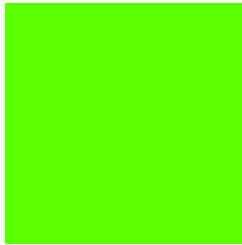
7930047



2621504

Previews

White Background



This preview shows how the Decimal color 6159872 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 6159872 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

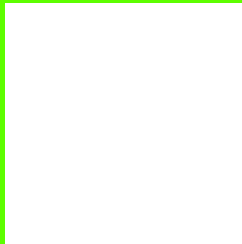
Any Text WCAG AAA ✓ Pass

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

Decimal 6159872 Background



This preview shows how black text looks on a background with the Decimal color 6159872.



This preview shows how white text looks on a background with the Decimal color 6159872.

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
6159872

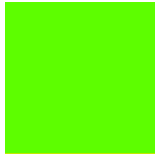
Protanopia
16375040

Deuteranopia
16766617



Tritanopia
9104639

Trichromacy



Original Color
6159872



Protanomaly
12642560



Deuteranomaly
12903777

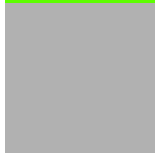


Tritanomaly
8057762

Monochromacy



Original Color
6159872



Achromatopsia
11645361



Achromatomaly
9620849

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6159872 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 #5DFE00 looks like.

```
.text, #text, p{  
    color:#5DFE00  
}
```

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 #5DFE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFE00
}
```

Border

The CSS property to change the border of an element to Decimal 6159872 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
#5DFE00 }
```

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

```
.border{ border-color:#5DFE00 }
```

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

Here you see how a box with a 4 pixel #5DFE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFE00; -webkit-box-shadow:4px 4px  
4px 4px #5DFE00; box-shadow:4px 4px 4px  
4px #5DFE00 }
```

Background

The CSS property to change the background color of an element to Decimal 6159872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFE00 }
```

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

```
.background{ background-color:#5DFE00 }
```

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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