

Converting Colors

Decimal(6159453)

Have a look what the booklet for
Decimal(6159453) contains.

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Color

Decimal(6159453)

Conversions

Conversions Part 1

Format	Color
Hex	5DFC5D
RGB	93, 252, 93
RGB Percent	36%, 99%, 36%
CMY	0.6353, 0.0118, 0.6353
CMYK	0.63, 0.00, 0.63, 0.01
HSL	120°, 96%, 68%
HSV	120°, 63%, 99%
XYZ	41.3004, 72.7383, 22.2191
YIQ	186.3330, -43.7250, -83.1570

Conversions

Conversions Part 2

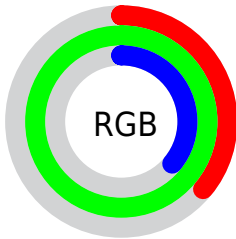
Format	Color
RYB	93, 252, 252
Decimal	6159453
CIELab	88.32, -70.96, 62.12
CIElCh	88, 94.305, 138.799
Yxy	72.7383, 0.3031, 0.5338
Android (android.graphics.Color)	4284349533 (0xFF5DFC5D)
YUV	186.3330, -46.0132, -81.8530
Hunter-Lab	85.2867, -62.8126, 44.2544

Details

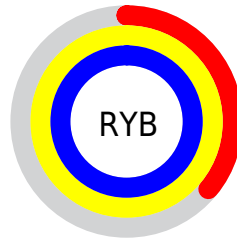
The Decimal color **6159453** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **16539132**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **10485653**, and **49697** is the 20% darker color. If you saturate the color by 10%, you get **4521028**, and if you desaturate by 10%, it is **7797878**.

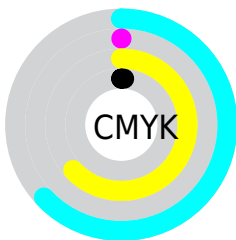
Distribution



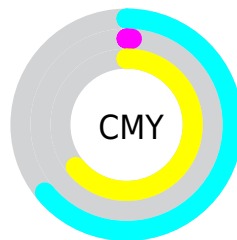
- Red (36%)
- Green (99%)
- Blue (36%)



- Red (36%)
- Yellow (99%)
- Blue (99%)



- Cyan (63%)
- Magenta (0%)
- Yellow (63%)
- Black (1%)



- Cyan (64%)
- Magenta (1%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6159453 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 6159453 by changing the saturation by 10% instead.

 6159453

 6159453

16777215

 3530561

 10485653

 49697

 12517297

 42496

 14548942

 35328

 16580587

 28672

 21760

 15616

 9216

 0

■ 6159453

■ 6159453

■ 4521028

■ 7797878

■ 2882603

■ 9436303

■ 1178641

■ 11140265

■ 64512

■ 12778690

■ 14417115

■ 16055540

■ 16776447

Harmonies

Analogous

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



13822464



6159453



65464

Triad

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



6159453



62207



16745641

Complementary

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



6159453



16539132

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.



16745983



6159453



9557247

Square

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



6159453



65535



16755711



16754519

Rectangle

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



6159453



65527



16755711



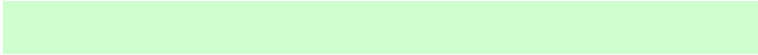
16744391

Sweetspot

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



6159453



13631439



16579677



6455394



0



8421504

Same Dimension

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



6159453



4063037



6159533



7372144



48384



15616

Inverse Universe

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



16539132



16727551



16539053



8220797



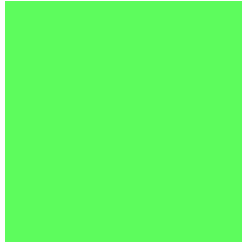
12386493



3997757

Previews

White Background



This preview shows how the Decimal color 6159453 looks on a white background.

Color Contrast Check

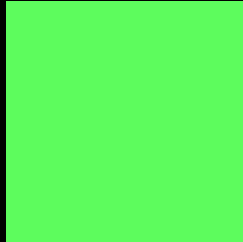
Large Text (above 18pt) WCAG AA × Fail

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 6159453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

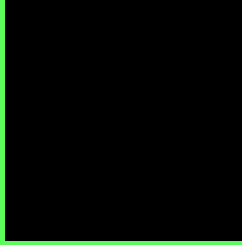
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

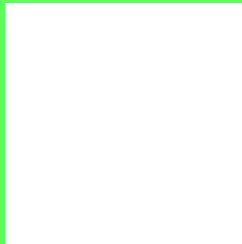
Any Text WCAG AAA ✓ Pass

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

Decimal 6159453 Background



This preview shows how black text looks on a background with the Decimal color 6159453.

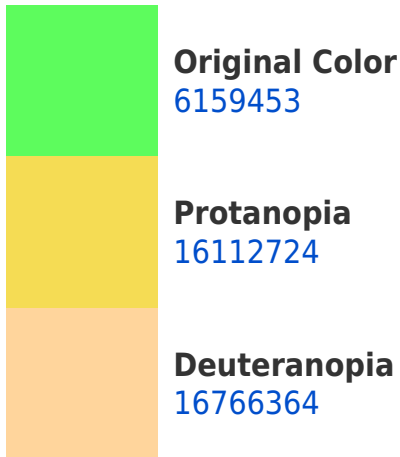


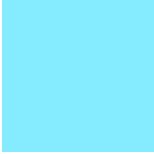
This preview shows how white text looks on a background with the Decimal color 6159453.

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



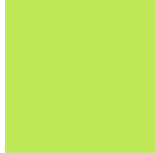


Tritanopia
8776959

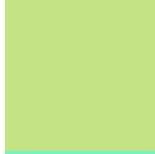
Trichromacy



Original Color
6159453



Protanomaly
12511319

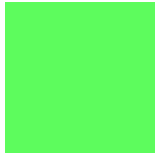


Deuteranomaly
12903301



Tritanomaly
7795396

Monochromacy



Original Color
6159453



Achromatopsia
12237498



Achromatomaly
10015384

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6159453 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 #5DFC5D looks like.

```
.text, #text, p{  
    color:#5DFC5D  
}
```

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 #5DFC5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFC5D
}
```

Border

The CSS property to change the border of an element to Decimal 6159453 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
#5DFC5D }
```

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

```
.border{ border-color:#5DFC5D }
```

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

Here you see how a box with a 4 pixel #5DFC5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFC5D; -webkit-box-shadow:4px 4px  
4px 4px #5DFC5D; box-shadow:4px 4px 4px  
4px #5DFC5D }
```

Background

The CSS property to change the background color of an element to Decimal 6159453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFC5D }
```

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

```
.background{ background-color:#5DFC5D }
```

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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