

# Converting Colors

Decimal(6421854)

Have a look what the booklet for  
Decimal(6421854) contains.

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# **Color**

**Decimal(6421854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61FD5E
RGB	97, 253, 94
RGB Percent	38%, 99%, 37%
CMY	0.6196, 0.0078, 0.6314
CMYK	0.62, 0.00, 0.63, 0.01
HSL	119°, 98%, 68%
HSV	119°, 63%, 99%
XYZ	42.0754, 73.6001, 22.5783
YIQ	188.2300, -41.9370, -82.5210

# Conversions

## Conversions Part 2

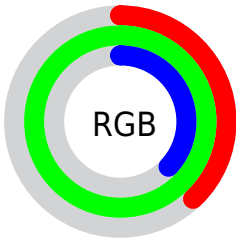
Format	Color
<b>RYB</b>	94, 253, 250
Decimal	6421854
CIELab	88.73, -70.37, 62.20
CIELCh	89, 93.916, 138.529
Yxy	73.6001, 0.3043, 0.5324
Android (android.graphics.Color)	4284611934 (0xFF61FD5E)
YUV	188.2300, -46.4554, -80.0087
Hunter-Lab	85.7905, -62.5891, 44.4494

# Details

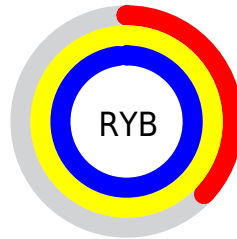
The Decimal color **6421854** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **16408317**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **10682262**, and **49954** is the 20% darker color. If you saturate the color by 10%, you get **4783429**, and if you desaturate by 10%, it is **8060279**.

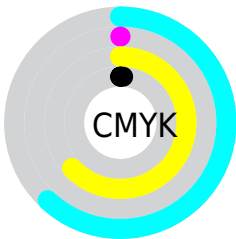
# Distribution



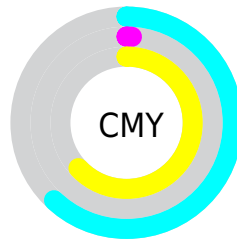
- Red (38%)
- Green (99%)
- Blue (37%)



- Red (37%)
- Yellow (99%)
- Blue (98%)



- Cyan (62%)
- Magenta (0%)
- Yellow (63%)
- Black (1%)



- Cyan (62%)
- Magenta (1%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6421854 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 6421854 by changing the saturation by 10% instead.



 6421854

 6421854

16777215

 3924034

 10682262

 49954

 12713906

 42752

 14745551

 35584

 16777196

 28928

 22016

 15872

 9472

 0

■ 6421854

■ 6421854

■ 4783429

■ 8060279

■ 3145003

■ 9698705

■ 1572114

■ 11271594

■ 392448

■ 12910019

■ 14548445

■ 16186870

■ 16776703

# Harmonies

## Analogous

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



14019328



6421854



65464

# Triad

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



6421854



62463



16746155

# Complementary

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



6421854



16408317

# 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.



16746495



6421854



9623295

# Square

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



6421854



65535



16755967



16754777

# Rectangle

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



6421854



65527



16755967



16744905

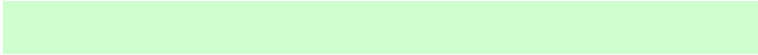


# Sweetspot

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



6421854



13631439



16644190



6520930



0



8421504



# Same Dimension

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



6421854



4456256



6225320



7569523



311040



81920



# Inverse Universe

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



16408317



16466175



16604851



8352640



12320959

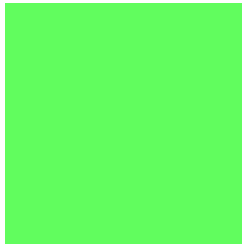


4128832



# Previews

## White Background



This preview shows how the Decimal color 6421854 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 6421854 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 6421854 Background



This preview shows how black text looks on a background with the Decimal color 6421854.

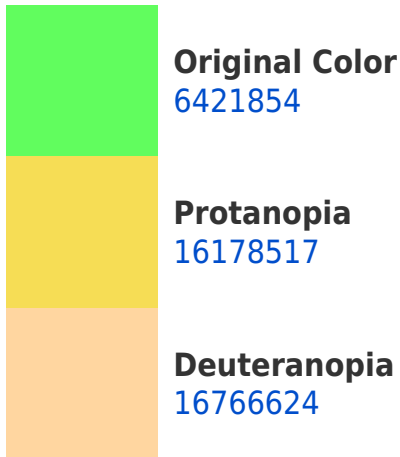



This preview shows how white text looks on a background with the Decimal color 6421854.

# 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



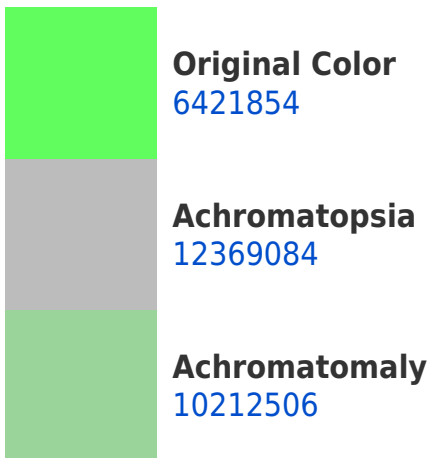


**Tritanopia**  
9235711

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6421854 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 #61FD5E looks like.

```
.text, #text, p{  
    color:#61FD5E  
}
```

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 #61FD5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FD5E
}
```

## Border

The CSS property to change the border of an element to Decimal 6421854 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
#61FD5E }
```

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

```
.border{ border-color:#61FD5E }
```

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

Here you see how a box with a 4 pixel #61FD5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FD5E; -webkit-box-shadow:4px 4px  
4px 4px #61FD5E; box-shadow:4px 4px 4px  
4px #61FD5E }
```

# Background

The CSS property to change the background color of an element to Decimal 6421854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FD5E }
```

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

```
.background{ background-color:#61FD5E }
```

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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