

# Converting Colors

Decimal(6414159)

Have a look what the booklet for  
Decimal(6414159) contains.

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# **Color**

**Decimal(6414159)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61DF4F
RGB	97, 223, 79
RGB Percent	38%, 87%, 31%
CMY	0.6196, 0.1255, 0.6902
CMYK	0.57, 0.00, 0.65, 0.13
HSL	112°, 69%, 59%
HSV	112°, 65%, 87%
XYZ	32.7287, 55.8813, 16.4583
YIQ	168.9100, -28.8720, -71.4960

# Conversions

## Conversions Part 2

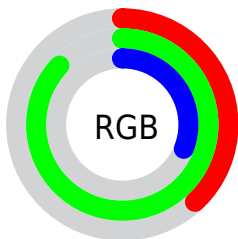
Format	Color
<a href="#">RYB</a>	<a href="#">79, 223, 205</a>
Decimal	<a href="#">6414159</a>
CIELab	<a href="#">79.55, -61.38, 58.20</a>
CIELCh	<a href="#">80, 84.584, 136.525</a>
Yxy	<a href="#">55.8813, 0.3115, 0.5319</a>
Android (android.graphics.Color)	<a href="#">4284604239</a> ( <a href="#">0xFF61DF4F</a> )
YUV	<a href="#">168.9100, -44.3256, -63.0651</a>
Hunter-Lab	<a href="#">74.7538, -52.6681, 39.2739</a>

# Details

The Decimal color **6414159** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **13455327**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10420102**, and **1025808** is the 20% darker color. If you saturate the color by 10%, you get **5103417**, and if you desaturate by 10%, it is **7724901**.

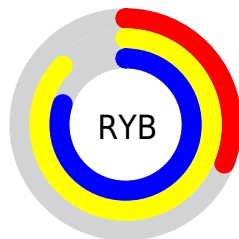
# Distribution



Red (38%)

Green (87%)

Blue (31%)



Red (31%)

Yellow (87%)

Blue (80%)

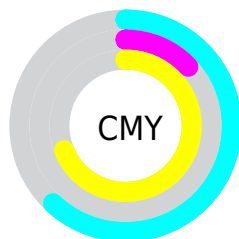


Cyan (57%)

Magenta (0%)

Yellow (65%)

Black (13%)



Cyan (62%)

Magenta (13%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6414159 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 6414159 by changing the saturation by 10% instead.





6414159



6414159

16777215



4244019



10420102



1025808



12386209



35584



14352318



28928



16383962



22272



16777208



15872



9984



0



6414159



6414159

■ 5103417

■ 7724901

■ 3858210

■ 8970108

■ 2547468

■ 10280850

■ 1892096

■ 11526056

■ 12836799

■ 14082005

■ 15392747

■ 16637951

■ 16769023

# Harmonies

## Analogous

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



12766976



6414159



59294

# Triad

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



6414159



55551



16742045

# Complementary

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



6414159



13455327

# 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.



16743148



6414159



7651327

# Square

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



6414159



59135



16751615



16749140

# Rectangle

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



6414159



59861



16751615



16741303

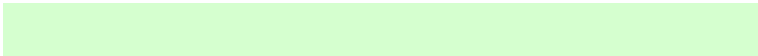


# Sweetspot

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



6414159



14024655



14666831



6717538



0



8421504



# Same Dimension

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



6414159



5504827



5234564



6713445



1486848



405504



# Inverse Universe

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



13455327



15088639



14634922



7300464



10092720

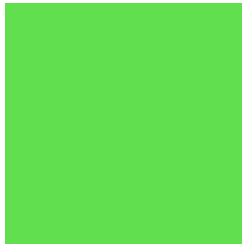


2752560



# Previews

## White Background



This preview shows how the Decimal color 6414159 looks on a white background.

## Color Contrast Check

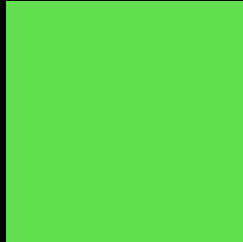
Large Text (above 18pt) WCAG AA × Fail

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 6414159 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

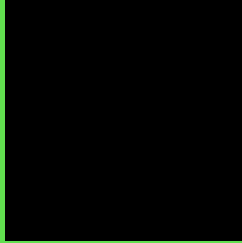
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6414159 Background



This preview shows how black text looks on a background with the Decimal color 6414159.

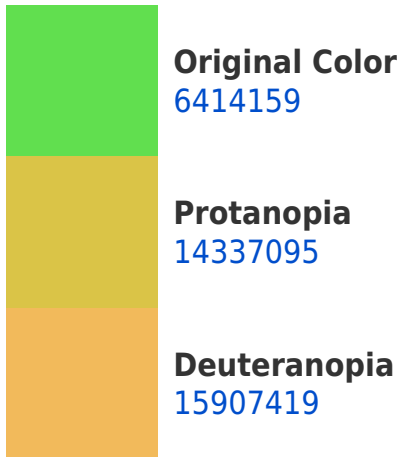


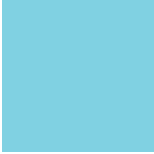
This preview shows how white text looks on a background with the Decimal color 6414159.

# 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**  
8442338

# Trichromacy



**Original Color**  
6414159



**Protanomaly**  
11456074



**Deuteranomaly**  
12437335



**Tritanomaly**  
7722669

# Monochromacy



**Original Color**  
6414159



**Achromatopsia**  
11119017



**Achromatomaly**  
9420168

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6414159 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 #61DF4F looks like.

```
.text, #text, p{  
    color:#61DF4F  
}
```

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 #61DF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61DF4F
}
```

## Border

The CSS property to change the border of an element to Decimal 6414159 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
#61DF4F }
```

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

```
.border{ border-color:#61DF4F }
```

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

Here you see how a box with a 4 pixel #61DF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61DF4F; -webkit-box-shadow:4px 4px  
4px 4px #61DF4F; box-shadow:4px 4px 4px  
4px #61DF4F }
```

# Background

The CSS property to change the background color of an element to Decimal 6414159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61DF4F }
```

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

```
.background{ background-color:#61DF4F }
```

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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