

# Converting Colors

Decimal(6413420)

Have a look what the booklet for  
Decimal(6413420) contains.

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# **Color**

**Decimal(6413420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61DC6C
RGB	97, 220, 108
RGB Percent	38%, 86%, 42%
CMY	0.6196, 0.1373, 0.5765
CMYK	0.56, 0.00, 0.51, 0.14
HSL	125°, 64%, 62%
HSV	125°, 56%, 86%
XYZ	33.2297, 54.8105, 23.0155
YIQ	170.4550, -37.3560, -60.9080

# Conversions

## Conversions Part 2

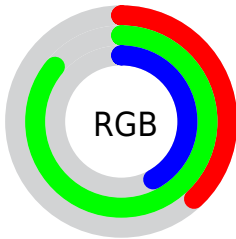
Format	Color
<b>RYB</b>	97, 210, 220
Decimal	6413420
CIELab	78.93, -56.95, 44.54
CIELCh	79, 72.301, 141.975
Yxy	54.8105, 0.2992, 0.4935
Android (android.graphics.Color)	4284603500 (0xFF61DC6C)
YUV	170.4550, -30.7903, -64.4200
Hunter-Lab	74.0341, -49.4411, 33.3920

# Details

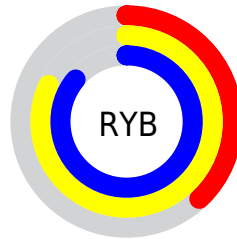
The Decimal color **6413420** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **14442961**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10354593**, and **1549369** is the 20% darker color. If you saturate the color by 10%, you get **4971608**, and if you desaturate by 10%, it is **7855232**.

# Distribution



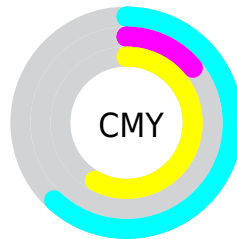
- Red (38%)
- Green (86%)
- Blue (42%)



- Red (38%)
- Yellow (82%)
- Blue (86%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (14%)



- Cyan (62%)
- Magenta (14%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6413420 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 6413420 by changing the saturation by 10% instead.





6413420



6413420

16777215



4309074



10354593



1549369



12255165



35102



14221274



28160



16187382



21760



15360



9472



0



6413420



6413420

■ 4971608

■ 7855232

■ 3529796

■ 9297044

■ 2087984

■ 10738856

■ 646172

■ 12180668

■ 56340

■ 13622480

■ 15064292

■ 16506104

■ 16768255

# Harmonies

## Analogous

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



12046138



6413420



58286

# Triad

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



6413420



53503



16746645

# Complementary

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



6413420



14442961

# 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.



16746200



6413420



10795519

# Square

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



6413420



57087



16751871



16752474

# Rectangle

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



6413420



58589



16751871



16745643

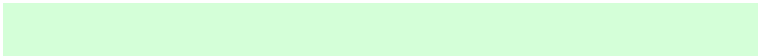


# Sweetspot

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



6413420



13959128



13818977



6717544



0



8421504



# Same Dimension

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



6413420



5570403



6413481



6516324



44304



11780



# Inverse Universe

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



14442961



16733424



14442900



7234413



11337886

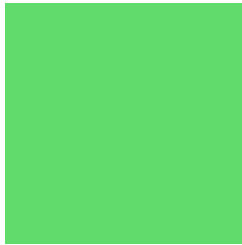


3014698



# Previews

## White Background



This preview shows how the Decimal color 6413420 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 6413420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

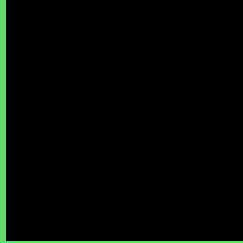
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6413420 Background



This preview shows how black text looks on a background with the Decimal color 6413420.

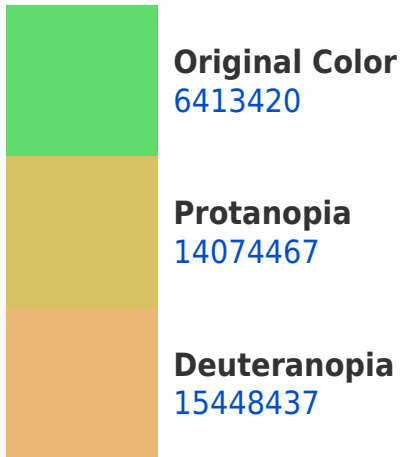


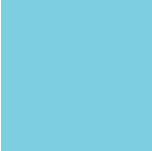
This preview shows how white text looks on a background with the Decimal color 6413420.

# 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**  
8245216

# Trichromacy



**Original Color**

6413420



**Protanomaly**

11258726



**Deuteranomaly**

12174962



**Tritanomaly**

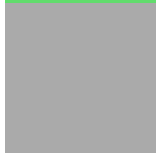
7591094

# Monochromacy



**Original Color**

6413420



**Achromatopsia**

11184810



**Achromatomaly**

9419923

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6413420 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 #61DC6C looks like.

```
.text, #text, p{  
    color:#61DC6C  
}
```

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 #61DC6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61DC6C
}
```

## Border

The CSS property to change the border of an element to Decimal 6413420 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
#61DC6C }
```

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

```
.border{ border-color:#61DC6C }
```

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

Here you see how a box with a 4 pixel #61DC6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61DC6C; -webkit-box-shadow:4px 4px  
4px 4px #61DC6C; box-shadow:4px 4px 4px  
4px #61DC6C }
```

# Background

The CSS property to change the background color of an element to Decimal 6413420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61DC6C }
```

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

```
.background{ background-color:#61DC6C }
```

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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