

Converting Colors

Decimal(6416397)

Have a look what the booklet for
Decimal(6416397) contains.

Decimal(6416397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6416397)

Conversions

Conversions Part 1

Format	Color
Hex	61E80D
RGB	97, 232, 13
RGB Percent	38%, 91%, 5%
CMY	0.6196, 0.0902, 0.9490
CMYK	0.58, 0.00, 0.94, 0.09
HSL	97°, 89%, 48%
HSV	97°, 94%, 91%
XYZ	33.8590, 60.2837, 10.2321
YIQ	166.6690, -10.1610, -96.7290

Conversions

Conversions Part 2

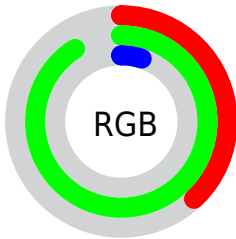
Format	Color
RYB	13, 232, 148
Decimal	6416397
CIELab	81.99, -67.94, 78.02
CIELCh	82, 103.455, 131.046
Yxy	60.2837, 0.3244, 0.5776
Android (android.graphics.Color)	4284606477 (0xFF61E80D)
YUV	166.6690, -75.7588, -61.0997
Hunter-Lab	77.6426, -58.0327, 46.5363

Details

The Decimal color **6416397** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9702888**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **10616667**, and **44800** is the 20% darker color. If you saturate the color by 10%, you get **5892096**, and if you desaturate by 10%, it is **7333924**.

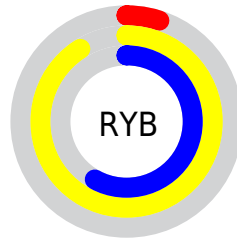
Distribution



Red (38%)

Green (91%)

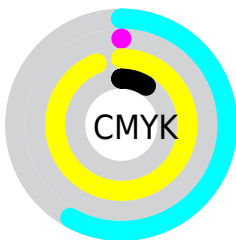
Blue (5%)



Red (5%)

Yellow (91%)

Blue (58%)

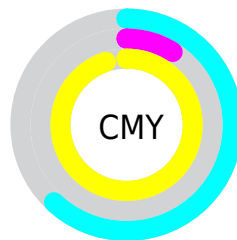


Cyan (58%)

Magenta (0%)

Yellow (94%)

Black (9%)



Cyan (62%)



















Magenta (9%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6416397 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 6416397 by changing the saturation by 10% instead.

 6416397	 6416397
 16777215	 3984128
 10616667	 44800
 12648313	 37888
 14679958	 30976
 16711604	 24064
 16777169	 17664
 16777199	 11520
	 3328
	 0

■ 6416397

■ 6416397

■ 5892096

■ 7333924

■ 8316987

■ 9234515

■ 10152042

■ 11135105

■ 12052632

■ 12970159

■ 13887687

■ 14870750

Harmonies

Analogous

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



13947648



6416397



62345

Triad

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



6416397



59647



16733612

Complementary

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



6416397



9702888

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.



16738815



6416397



52479

Square

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



6416397



62719



16424959



16744271

Rectangle

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



6416397



63181



16424959



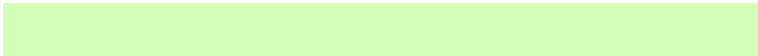
16733133

Sweetspot

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



6416397



13893560



15241229



6651988



0



8421504

Same Dimension

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



6416397



6487808



911395



7107431



4502272



1323776

Inverse Universe

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



9702888



10289407



15207890



7235443



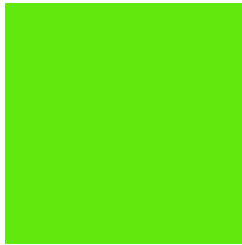
7209139



2031667

Previews

White Background



This preview shows how the Decimal color 6416397 looks on a white background.

Color Contrast Check

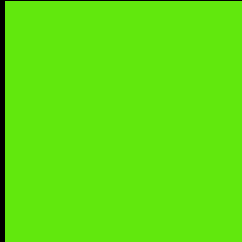
Large Text (above 18pt) WCAG AA × Fail

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 6416397 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

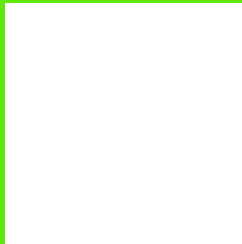
Any Text WCAG AAA ✓ Pass

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

Decimal 6416397 Background



This preview shows how black text looks on a background with the Decimal color 6416397.

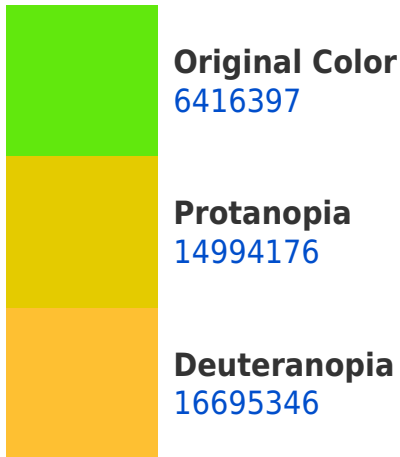


This preview shows how white text looks on a background with the Decimal color 6416397.

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](#).

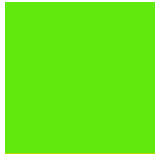
Dichromacy





Tritanopia
8771817

Trichromacy



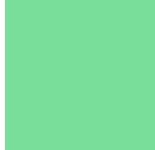
Original Color
6416397



Protanomaly
11851269



Deuteranomaly
12963621

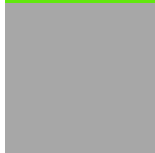


Tritanomaly
7921305

Monochromacy



Original Color
6416397



Achromatopsia
10987431



Achromatomaly
9355119

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6416397 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 #61E80D looks like.

```
.text, #text, p{  
    color:#61E80D  
}
```

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 #61E80D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E80D
}
```

Border

The CSS property to change the border of an element to Decimal 6416397 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
#61E80D }
```

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

```
.border{ border-color:#61E80D }
```

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

Here you see how a box with a 4 pixel #61E80D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E80D; -webkit-box-shadow:4px 4px  
4px 4px #61E80D; box-shadow:4px 4px 4px  
4px #61E80D }
```

Background

The CSS property to change the background color of an element to Decimal 6416397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E80D }
```

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

```
.background{ background-color:#61E80D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor