

Converting Colors

Decimal(6414349)

Have a look what the booklet for
Decimal(6414349) contains.

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Color

Decimal(6414349)

Conversions

Conversions Part 1

Format	Color
Hex	61E00D
RGB	97, 224, 13
RGB Percent	38%, 88%, 5%
CMY	0.6196, 0.1216, 0.9490
CMYK	0.57, 0.00, 0.94, 0.12
HSL	96°, 89%, 46%
HSV	96°, 94%, 88%
XYZ	31.6581, 55.8818, 9.4985
YIQ	161.9730, -7.9610, -92.5450

Conversions

Conversions Part 2

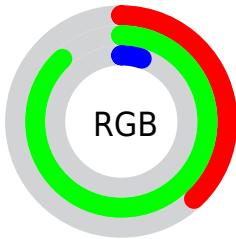
Format	Color
RYB	13, 224, 140
Decimal	6414349
CIELab	79.55, -65.25, 76.03
CIElCh	80, 100.191, 130.633
Yxy	55.8818, 0.3262, 0.5759
Android (android.graphics.Color)	4284604429 (0xFF61E00D)
YUV	161.9730, -73.4437, -56.9813
Hunter-Lab	74.7541, -55.2256, 44.7943

Details

The Decimal color **6414349** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **9178592**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **10551130**, and **42752** is the 20% darker color. If you saturate the color by 10%, you get **5890048**, and if you desaturate by 10%, it is **7266339**.

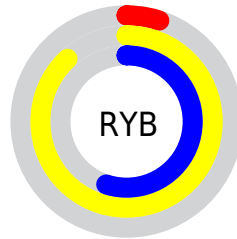
Distribution



Red (38%)

Green (88%)

Blue (5%)



Red (5%)

Yellow (88%)

Blue (55%)

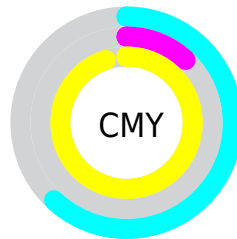


Cyan (57%)

Magenta (0%)

Yellow (94%)

Black (12%)



Cyan (62%)

Magenta (12%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6414349 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 6414349 by changing the saturation by 10% instead.



6414349



6414349

16777215



4113152



10551130



42752



12582775



35840



14548884



29184



16580529



22528



16777167



16128



16777197



9984



0



6414349



6414349

■ 5890048

■ 7266339

■ 8183866

■ 9035856

■ 9953383

■ 10805373

■ 11722899

■ 12574890

■ 13492416

■ 14344407

Harmonies

Analogous

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



13618176



6414349



60035

Triad

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



6414349



57599



16733096

Complementary

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



6414349



9178592

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.



16738303



6414349



50943

Square

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



6414349



60671



15768575



16743246

Rectangle

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



6414349



61124



15768575



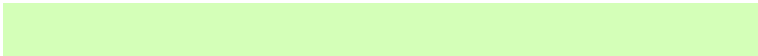
16732871

Sweetspot

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



6414349



13959096



14715917



6651988



0



8421504

Same Dimension

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



6414349



6749952



909346



6910053



4632576



1257472

Inverse Universe

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



9178592



10027263



14683595



7103856



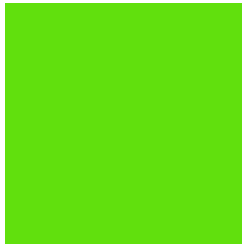
6946992



1900592

Previews

White Background



This preview shows how the Decimal color 6414349 looks on a white background.

Color Contrast Check

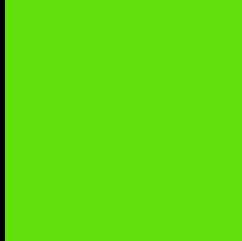
Large Text (above 18pt) WCAG AA × Fail

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 6414349 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

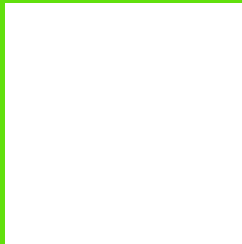
Any Text WCAG AAA ✓ Pass

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

Decimal 6414349 Background



This preview shows how black text looks on a background with the Decimal color 6414349.

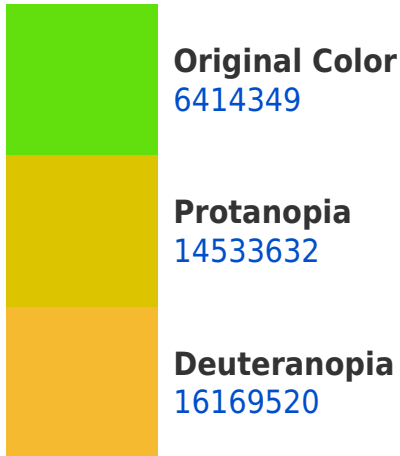


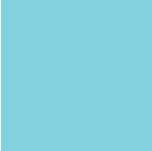
This preview shows how white text looks on a background with the Decimal color 6414349.

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
8638689

Trichromacy



Original Color
6414349



Protanomaly
11587077



Deuteranomaly
12634147



Tritanomaly
7853716

Monochromacy



Original Color
6414349



Achromatopsia
10658466



Achromatomaly
9091436

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6414349 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 #61E00D looks like.

```
.text, #text, p{  
    color:#61E00D  
}
```

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 #61E00D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E00D
}
```

Border

The CSS property to change the border of an element to Decimal 6414349 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
#61E00D }
```

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

```
.border{ border-color:#61E00D }
```

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

Here you see how a box with a 4 pixel #61E00D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E00D; -webkit-box-shadow:4px 4px  
4px 4px #61E00D; box-shadow:4px 4px 4px  
4px #61E00D }
```

Background

The CSS property to change the background color of an element to Decimal 6414349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E00D }
```

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

```
.background{ background-color:#61E00D }
```

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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