

Converting Colors

Decimal(6422321)

Have a look what the booklet for
Decimal(6422321) contains.

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Color

Decimal(6422321)

Conversions

Conversions Part 1

Format	Color
Hex	61FF31
RGB	97, 255, 49
RGB Percent	38%, 100%, 19%
CMY	0.6196, 0.0000, 0.8078
CMYK	0.62, 0.00, 0.81, 0.00
HSL	106°, 100%, 60%
HSV	106°, 81%, 100%
XYZ	41.2441, 74.2831, 15.0700
YIQ	184.2740, -28.0420, -97.5620

Conversions

Conversions Part 2

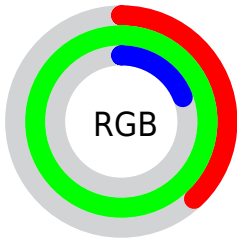
Format	Color
RYB	49, 255, 207
Decimal	6422321
CIELab	89.06, -74.29, 77.68
CIELCh	89, 107.483, 133.723
Yxy	74.2831, 0.3158, 0.5688
Android (android.graphics.Color)	4284612401 (0xFF61FF31)
YUV	184.2740, -66.6901, -76.5393
Hunter-Lab	86.1877, -65.4092, 49.9644

Details

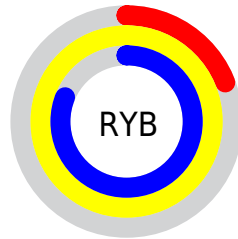
The Decimal color **6422321** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **13578751**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **10813297**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **5111576**, and if you desaturate by 10%, it is **7733067**.

Distribution



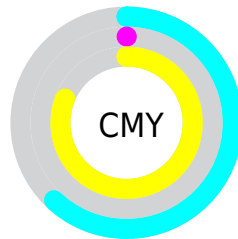
- Red (38%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (81%)



- Cyan (62%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6422321 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 6422321 by changing the saturation by 10% instead.

 6422321

 6422321

16777215

 3793408

 10813297

 50432

 12844942

 43264

 14942123

 36096

 16777161

 29184

 16777191

 22528

 16128

 9472

 0

■ 6422321

■ 6422321

■ 5111576

■ 7733067

■ 3931904

■ 8978276

■ 10289022

■ 11534231

■ 12844977

■ 14090186

■ 15400932

■ 16646141

16777215

Harmonies

Analogous

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



14805504



6422321



65442

Triad

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



6422321



64511



16738741

Complementary

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



6422321



13578751

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.



16742143



6422321



56575

Square

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



6422321



65535



16755967



16749907

Rectangle

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



6422321



65514



16755967



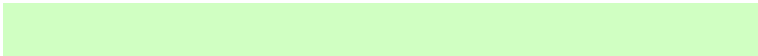
16737751

Sweetspot

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



6422321



13696962



16764721



6520923



0



8421504

Same Dimension

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



6422321



4325128



3276648



7766131



2998016



999424

Inverse Universe

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



13578751



12912895



16724424



8221568



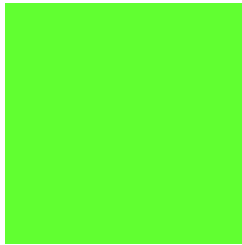
9633983



3211328

Previews

White Background



This preview shows how the Decimal color 6422321 looks on a white background.

Color Contrast Check

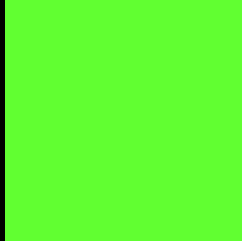
Large Text (above 18pt) WCAG AA × Fail

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 6422321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

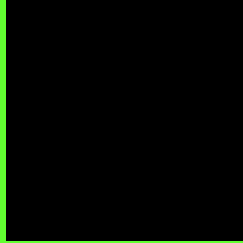
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

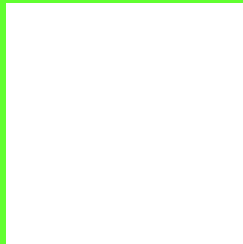
Any Text WCAG AAA ✓ Pass

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

Decimal 6422321 Background



This preview shows how black text looks on a background with the Decimal color 6422321.

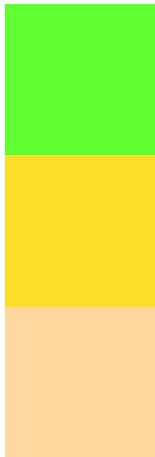


This preview shows how white text looks on a background with the Decimal color 6422321.

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



Original Color
6422321

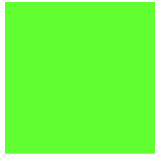
Protanopia
16440872

Deuteranopia
16766879



Tritanopia
9563647

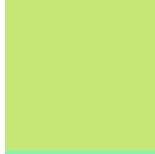
Trichromacy



Original Color
6422321



Protanomaly
12773931

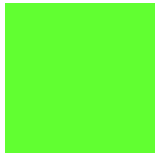


Deuteranomaly
13035127

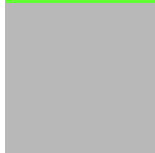


Tritanomaly
8451252

Monochromacy



Original Color
6422321



Achromatopsia
12105912



Achromatomaly
10015367

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6422321 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 #61FF31 looks like.

```
.text, #text, p{  
    color:#61FF31  
}
```

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 #61FF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FF31
}
```

Border

The CSS property to change the border of an element to Decimal 6422321 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
#61FF31 }
```

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

```
.border{ border-color:#61FF31 }
```

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

Here you see how a box with a 4 pixel #61FF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FF31; -webkit-box-shadow:4px 4px  
4px 4px #61FF31; box-shadow:4px 4px 4px  
4px #61FF31 }
```

Background

The CSS property to change the background color of an element to Decimal 6422321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FF31 }
```

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

```
.background{ background-color:#61FF31 }
```

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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