

Converting Colors

Decimal(6422287)

Have a look what the booklet for
Decimal(6422287) contains.

Decimal(6422287)	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(6422287)

Conversions

Conversions Part 1

Format	Color
Hex	61FF0F
RGB	97, 255, 15
RGB Percent	38%, 100%, 6%
CMY	0.6196, 0.0000, 0.9412
CMYK	0.62, 0.00, 0.94, 0.00
HSL	100°, 100%, 53%
HSV	100°, 94%, 100%
XYZ	40.7760, 74.0959, 12.6048
YIQ	180.3980, -17.1280, -108.1360

Conversions

Conversions Part 2

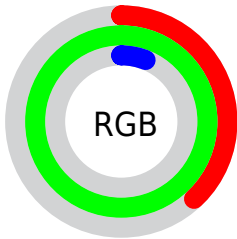
Format	Color
RYB	15, 255, 173
Decimal	6422287
CIELab	88.97, -75.35, 83.51
CIELCh	89, 112.472, 132.059
Yxy	74.0959, 0.3199, 0.5813
Android (android.graphics.Color)	4284612367 (0xFF61FF0F)
YUV	180.3980, -81.5412, -73.1400
Hunter-Lab	86.0790, -66.0819, 51.5733

Details

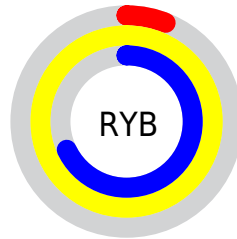
The Decimal color **6422287** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **11341823**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **10813280**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **5766912**, and if you desaturate by 10%, it is **7536425**.

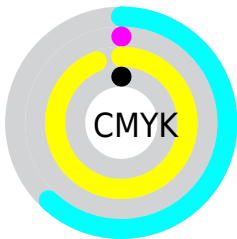
Distribution



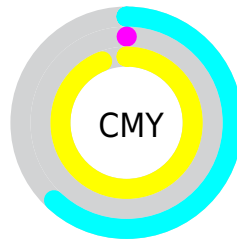
- Red (38%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (68%)



- Cyan (62%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)









- Cyan (62%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6422287 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 6422287 by changing the saturation by 10% instead.

 6422287	 6422287
 16777215	 3727872
 10813280	 50432
 12910463	 43264
 15007645	 36096
 16777146	 29184
 16777176	 22528
 16777207	 16128
	 9472
	 0

■ 6422287

■ 6422287

■ 5766912

■ 7536425

■ 8650562

■ 9699164

■ 10813301

■ 11927439

■ 13041576

■ 14155714

■ 15204315

■ 16318453

Harmonies

Analogous

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



15067136



6422287



65433

Triad

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



6422287



65279



16734905

Complementary

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



6422287



11341823

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.



16740095



6422287



57343

Square

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



6422287



65535



16755967



16747602

Rectangle

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



6422287



65508



16755967



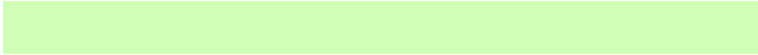
16733917

Sweetspot

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



6422287



13696952



16755471



6520916



0



8421504

Same Dimension

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



6422287



5766912



1048371



7831667



4308736



1458176

Inverse Universe

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



11341823



11010303



16715739



8090496



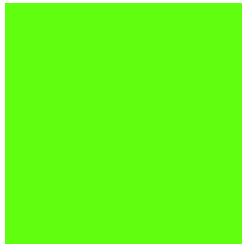
8257727



2752576

Previews

White Background



This preview shows how the Decimal color 6422287 looks on a white background.

Color Contrast Check

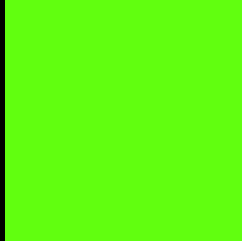
Large Text (above 18pt) WCAG AA × Fail

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 6422287 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 6422287 Background



This preview shows how black text looks on a background with the Decimal color 6422287.



This preview shows how white text looks on a background with the Decimal color 6422287.

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
6422287

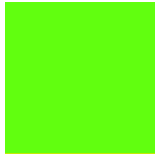
Protanopia
16440832

Deuteranopia
16766877



Tritanopia
9498111

Trichromacy



Original Color
6422287



Protanomaly
12773893

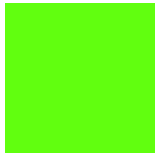


Deuteranomaly
13035113

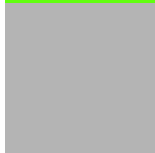


Tritanomaly
8385704

Monochromacy



Original Color
6422287



Achromatopsia
11842740



Achromatomaly
9883512

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6422287 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 #61FF0F looks like.

```
.text, #text, p{  
  color:#61FF0F  
}
```

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 #61FF0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FF0F
}
```

Border

The CSS property to change the border of an element to Decimal 6422287 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
#61FF0F }
```

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

```
.border{ border-color:#61FF0F }
```

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

Here you see how a box with a 4 pixel #61FF0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FF0F; -webkit-box-shadow:4px 4px  
4px 4px #61FF0F; box-shadow:4px 4px 4px  
4px #61FF0F }
```

Background

The CSS property to change the background color of an element to Decimal 6422287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FF0F }
```

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

```
.background{ background-color:#61FF0F }
```

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