

Converting Colors

Decimal(6420800)

Have a look what the booklet for
Decimal(6420800) contains.

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Color

Decimal(6420800)

Conversions

Conversions Part 1

Format	Color
Hex	61F940
RGB	97, 249, 64
RGB Percent	38%, 98%, 25%
CMY	0.6196, 0.0235, 0.7490
CMYK	0.61, 0.00, 0.74, 0.02
HSL	109°, 94%, 61%
HSV	109°, 74%, 98%
XYZ	39.7309, 70.6629, 16.3958
YIQ	182.4620, -31.2070, -89.7590

Conversions

Conversions Part 2

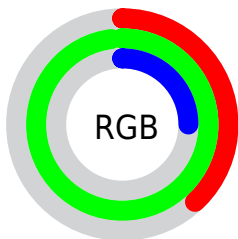
Format	Color
RYB	64, 249, 216
Decimal	6420800
CIELab	87.32, -71.50, 71.74
CIELCh	87, 101.282, 134.904
Yxy	70.6629, 0.3134, 0.5573
Android (android.graphics.Color)	4284610880 (0xFF61F940)
YUV	182.4620, -58.4018, -74.9502
Hunter-Lab	84.0612, -62.7406, 47.2786

Details

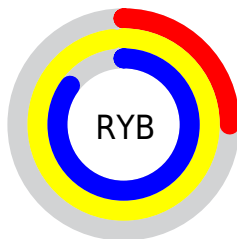
The Decimal color **6420800** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **14172409**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **10682235**, and **48896** is the 20% darker color. If you saturate the color by 10%, you get **5110055**, and if you desaturate by 10%, it is **7731545**.

Distribution



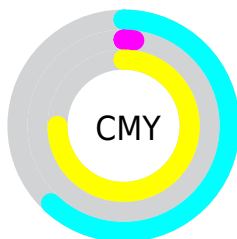
- Red (38%)
- Green (98%)
- Blue (25%)



- Red (25%)
- Yellow (98%)
- Blue (85%)



- Cyan (61%)
- Magenta (0%)
- Yellow (74%)
- Black (2%)




















- Cyan (62%)
- Magenta (2%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6420800 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 6420800 by changing the saturation by 10% instead.

 6420800	 6420800
 16777215	 3922971
 10682235	 48896
 12779416	 41728
 14811061	 34816
 16777170	 27904
 16777200	 21248
	 15104
	 8448
	 0

■ 6420800

■ 6420800

■ 5110055

■ 7731545

■ 3733774

■ 9107826

■ 2947328

■ 10418571

■ 11794852

■ 13105596

■ 14481877

■ 15792622

■ 16775679

Harmonies

Analogous

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



14279936



6420800



65445

Triad

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



6420800



62719



16740783

Complementary

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



6420800



14172409

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.



16743167



6420800



4904703

Square

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



6420800



65535



16755199



16750676

Rectangle

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



6420800



65512



16755199



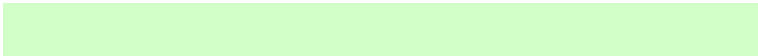
16739791

Sweetspot

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



6420800



13762503



16373568



6586462



0



8421504

Same Dimension

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



6420800



4587292



4258171



7568752



2276608



736512

Inverse Universe

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



14172409



14097663



16335038



8089725



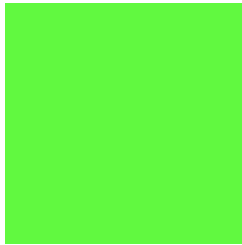
10158269



3276861

Previews

White Background



This preview shows how the Decimal color 6420800 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 6420800 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

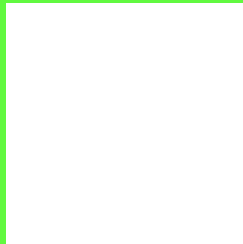
Any Text WCAG AAA ✓ Pass

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

Decimal 6420800 Background



This preview shows how black text looks on a background with the Decimal color 6420800.

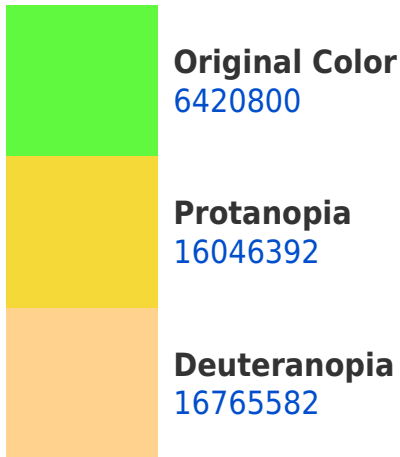


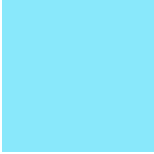
This preview shows how white text looks on a background with the Decimal color 6420800.

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](#).

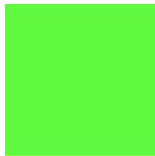
Dichromacy





Tritanopia
9038075

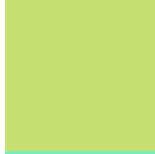
Trichromacy



Original Color
6420800



Protanomaly
12576059

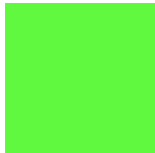


Deuteranomaly
13033586



Tritanomaly
8056503

Monochromacy



Original Color
6420800



Achromatopsia
11974326



Achromatomaly
9948811

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6420800 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 #61F940 looks like.

```
.text, #text, p{  
    color:#61F940  
}
```

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 #61F940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61F940
}
```

Border

The CSS property to change the border of an element to Decimal 6420800 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
#61F940 }
```

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

```
.border{ border-color:#61F940 }
```

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

Here you see how a box with a 4 pixel #61F940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61F940; -webkit-box-shadow:4px 4px  
4px 4px #61F940; box-shadow:4px 4px 4px  
4px #61F940 }
```

Background

The CSS property to change the background color of an element to Decimal 6420800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61F940 }
```

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

```
.background{ background-color:#61F940 }
```

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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