

Converting Colors

Decimal(6225697)

Have a look what the booklet for
Decimal(6225697) contains.

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Color

Decimal(6225697)

Conversions

Conversions Part 1

Format	Color
Hex	5EFF21
RGB	94, 255, 33
RGB Percent	37%, 100%, 13%
CMY	0.6314, 0.0000, 0.8706
CMYK	0.63, 0.00, 0.87, 0.00
HSL	104°, 100%, 56%
HSV	104°, 87%, 100%
XYZ	40.6506, 74.0095, 13.5816
YIQ	181.5530, -24.6940, -103.1740

Conversions

Conversions Part 2

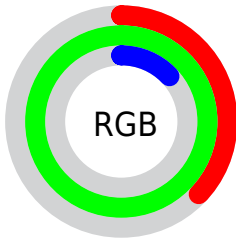
Format	Color
RYB	33, 255, 194
Decimal	6225697
CIELab	88.93, -75.56, 80.98
CIElCh	89, 110.754, 133.016
Yxy	74.0095, 0.3170, 0.5771
Android (android.graphics.Color)	4284415777 (0xFF5EFF21)
YUV	181.5530, -73.2366, -76.7840
Hunter-Lab	86.0288, -66.2049, 50.8599

Details

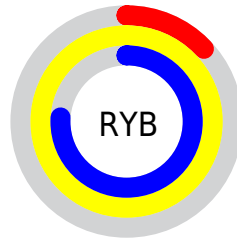
The Decimal color **6225697** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed green. A complement of this color would be **12722687**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **10682215**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **5046024**, and if you desaturate by 10%, it is **7405370**.

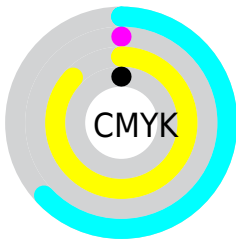
Distribution



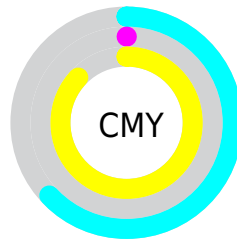
- Red (37%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (76%)



- Cyan (63%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



















- Cyan (63%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6225697 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 6225697 by changing the saturation by 10% instead.

 6225697	 6225697
16777215	 3465728
 10682215	 50432
 12779397	 43264
 14811043	 36096
 16777152	 29184
 16777182	 22528
16777212	 16128
	 9472
	 0

■ 6225697

■ 6225697

■ 5046024

■ 7405370

■ 4652800

■ 8650580

■ 9830253

■ 11075463

■ 12255137

■ 13500346

■ 14680019

■ 15925229

16777215

Harmonies

Analogous

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



14870784



6225697



65437

Triad

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



6225697



64767



16736182

Complementary

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



6225697



12722687

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.



16740607



6225697



56831

Square

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



6225697



65535



16755711



16748625

Rectangle

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



6225697



65511



16755711



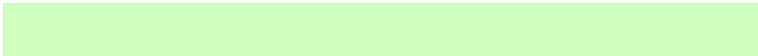
16735193

Sweetspot

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



6225697



13631421



16760865



6520920



0



8421504

Same Dimension

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



6225697



4652800



2228049



7766131



3522304



1196032

Inverse Universe

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



12722687



12124415



16720335



8156032



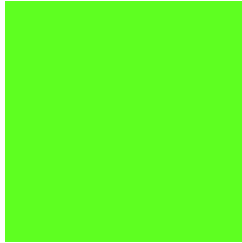
9109695



3014720

Previews

White Background



This preview shows how the Decimal color 6225697 looks on a white background.

Color Contrast Check

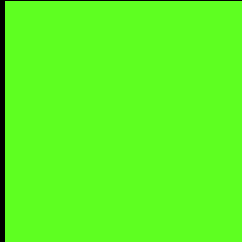
Large Text (above 18pt) WCAG AA × Fail

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 6225697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

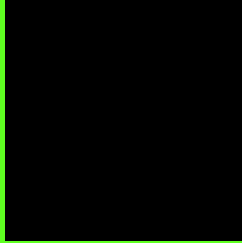
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

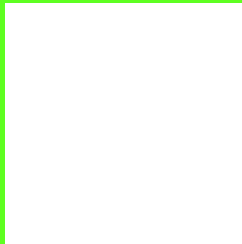
Any Text WCAG AAA ✓ Pass

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

Decimal 6225697 Background



This preview shows how black text looks on a background with the Decimal color 6225697.

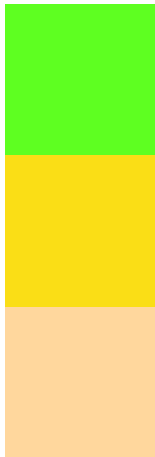


This preview shows how white text looks on a background with the Decimal color 6225697.

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
6225697

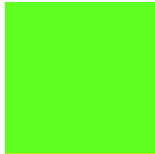
Protanopia
16440854

Deuteranopia
16766877



Tritanopia
9432575

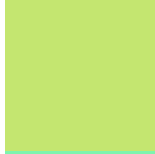
Trichromacy



Original Color
6225697



Protanomaly
12708378

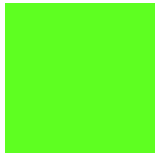


Deuteranomaly
12904048

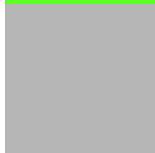


Tritanomaly
8254638

Monochromacy



Original Color
6225697



Achromatopsia
11974326



Achromatomaly
9884032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6225697 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 #5EFF21 looks like.

```
.text, #text, p{  
    color:#5EFF21  
}
```

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 #5EFF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFF21
}
```

Border

The CSS property to change the border of an element to Decimal 6225697 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
#5EFF21 }
```

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

```
.border{ border-color:#5EFF21 }
```

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

Here you see how a box with a 4 pixel #5EFF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFF21; -webkit-box-shadow:4px 4px  
4px 4px #5EFF21; box-shadow:4px 4px 4px  
4px #5EFF21 }
```

Background

The CSS property to change the background color of an element to Decimal 6225697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFF21 }
```

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

```
.background{ background-color:#5EFF21 }
```

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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