

Converting Colors

Decimal(6225811)

Have a look what the booklet for
Decimal(6225811) contains.

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Color

Decimal(6225811)

Conversions

Conversions Part 1

Format	Color
Hex	5EFF93
RGB	94, 255, 147
RGB Percent	37%, 100%, 58%
CMY	0.6314, 0.0000, 0.4235
CMYK	0.63, 0.00, 0.42, 0.00
HSL	140°, 100%, 68%
HSV	140°, 63%, 100%
XYZ	45.6426, 76.0063, 39.8688
YIQ	194.5490, -61.2880, -67.7200

Conversions

Conversions Part 2

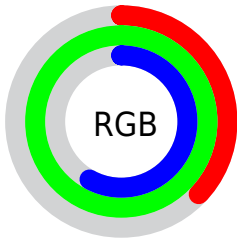
Format	Color
RYB	94, 215, 255
Decimal	6225811
CIELab	89.86, -64.76, 39.44
CIELCh	90, 75.823, 148.659
Yxy	76.0063, 0.2826, 0.4706
Android (android.graphics.Color)	4284415891 (0xFF5EFF93)
YUV	194.5490, -23.4417, -88.1815
Hunter-Lab	87.1816, -59.1169, 33.9133

Details

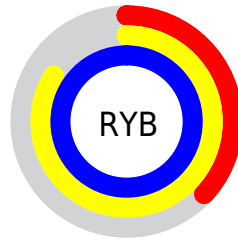
The Decimal color **6225811** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **16735946**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **10420170**, and **50527** is the 20% darker color. If you saturate the color by 10%, you get **4587394**, and if you desaturate by 10%, it is **7929764**.

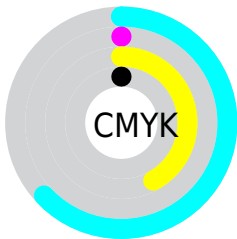
Distribution



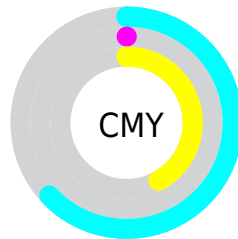
- Red (37%)
- Green (100%)
- Blue (58%)



- Red (37%)
- Yellow (84%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6225811 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 6225811 by changing the saturation by 10% instead.

 6225811

 6225811

16777215

 3727992

 10420170

 50527

 12451815

 43333

 14483455

 36140

 16515071

 29458

 22784

 16384

 10240

 0

■ 6225811

■ 6225811

■ 4587394

■ 7929764

■ 2883441

■ 9568181

■ 1245024

■ 11272134

■ 65364

■ 12910551

■ 14614505

■ 16252922

16777215

Harmonies

Analogous

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



12907097



6225811



65500

Triad

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



6225811



60415



16754849

Complementary

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



6225811



16735946

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.



16752872



6225811



14602495

Square

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



6225811



64767



16757503



16761445

Rectangle

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



6225811



65535



16757503



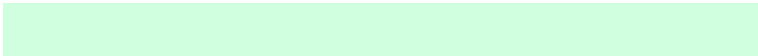
16753336

Sweetspot

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



6225811



13631454



13434718



6455404



0



8421504

Same Dimension

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



6225811



4063101



6225889



7569527



48959



16405

Inverse Universe

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



16735946



16727487



16735868



8418171



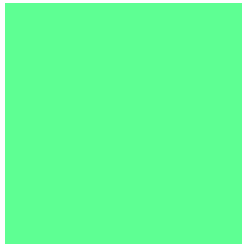
12517504



4194347

Previews

White Background



This preview shows how the Decimal color 6225811 looks on a white background.

Color Contrast Check

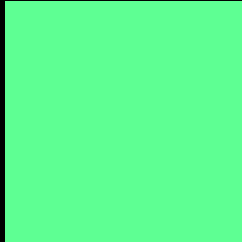
Large Text (above 18pt) WCAG AA × Fail

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 6225811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

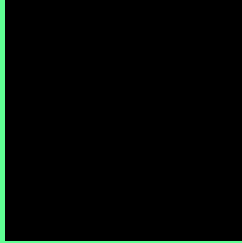
Any Text WCAG AA ✓ Pass

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 6225811 Background



This preview shows how black text looks on a background with the Decimal color 6225811.

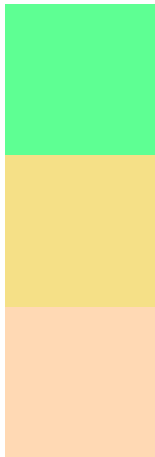


This preview shows how white text looks on a background with the Decimal color 6225811.

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
6225811

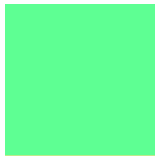
Protanopia
16113799

Deuteranopia
16767412

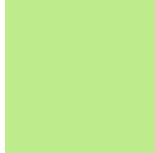


Tritanopia
9957375

Trichromacy



Original Color
6225811



Protanomaly
12512139



Deuteranomaly
12904360

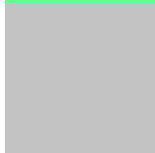


Tritanomaly
8582616

Monochromacy



Original Color
6225811



Achromatopsia
12829635



Achromatomaly
10410418

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6225811 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 #5EFF93 looks like.

```
.text, #text, p{  
    color:#5EFF93  
}
```

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 #5EFF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFF93  
}
```

Border

The CSS property to change the border of an element to Decimal 6225811 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  
#5EFF93 }
```

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

```
.border{ border-color:#5EFF93 }
```

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

Here you see how a box with a 4 pixel #5EFF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFF93; -webkit-box-shadow:4px 4px  
4px 4px #5EFF93; box-shadow:4px 4px 4px  
4px #5EFF93 }
```

Background

The CSS property to change the background color of an element to Decimal 6225811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFF93 }
```

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

```
.background{ background-color:#5EFF93 }
```

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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