

Converting Colors

Decimal(6291351)

Have a look what the booklet for
Decimal(6291351) contains.

Decimal(6291351)	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(6291351)

Conversions

Conversions Part 1

Format	Color
Hex	5FFF97
RGB	95, 255, 151
RGB Percent	37%, 100%, 59%
CMY	0.6275, 0.0000, 0.4078
CMYK	0.63, 0.00, 0.41, 0.00
HSL	141°, 100%, 69%
HSV	141°, 63%, 100%
XYZ	46.0652, 76.1873, 41.5559
YIQ	195.3040, -61.9760, -66.2640

Conversions

Conversions Part 2

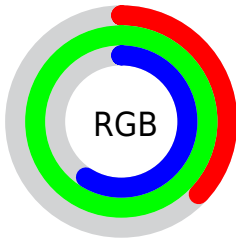
Format	Color
RYB	95, 214, 255
Decimal	6291351
CIELab	89.95, -63.92, 37.59
CIElCh	90, 74.151, 149.538
Yxy	76.1873, 0.2812, 0.4651
Android (android.graphics.Color)	4284481431 (0xFF5FFF97)
YUV	195.3040, -21.8419, -87.9666
Hunter-Lab	87.2853, -58.5451, 32.8722

Details

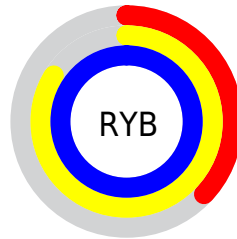
The Decimal color **6291351** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **16736199**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **10485710**, and **50531** is the 20% darker color. If you saturate the color by 10%, you get **4587398**, and if you desaturate by 10%, it is **7995304**.

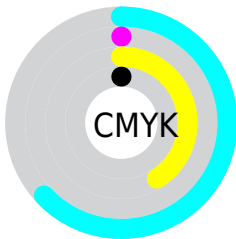
Distribution



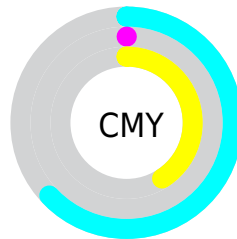
- Red (37%)
- Green (100%)
- Blue (59%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6291351 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 6291351 by changing the saturation by 10% instead.

 6291351

 6291351

16777215

 3859068

 10485710

 50531

 12517355

 43337

 14548991

 36145

 16580607

 29463

 22784

 16384

 10240

 0

■ 6291351

■ 6291351

■ 4587398

■ 7995304

■ 2948982

■ 9633720

■ 1245029

■ 11337673

■ 65369

■ 12976089

■ 14680042

■ 16318458

16777215

Harmonies

Analogous

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



12841823



6291351



65503

Triad

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



6291351



2353919



16755360

Complementary

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



6291351



16736199

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.



16753382



6291351



14864639

Square

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



6291351



64767



16757759



16761959

Rectangle

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



6291351



65535



16757759



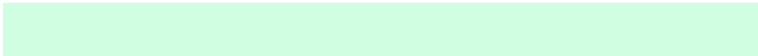
16754103

Sweetspot

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



6291351



13631456



13107039



6455404



0



8421504

Same Dimension

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



6291351



4259715



6291431



7569527



48963



16406

Inverse Universe

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



16736199



16728252



16736119



8418171



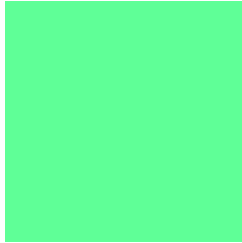
12517500



4194345

Previews

White Background



This preview shows how the Decimal color 6291351 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 6291351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

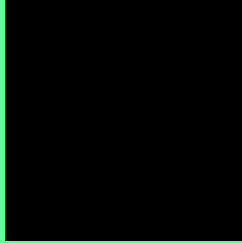
Any Text WCAG AA ✓ Pass

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 6291351 Background



This preview shows how black text looks on a background with the Decimal color 6291351.

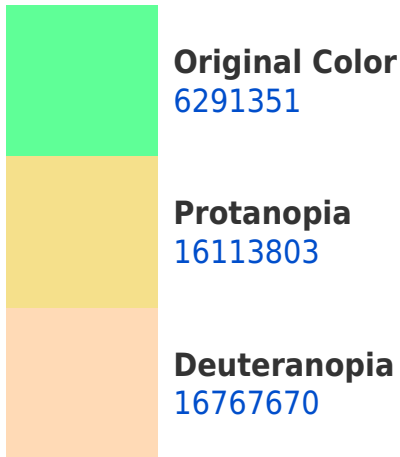


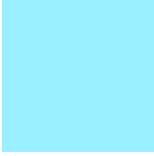
This preview shows how white text looks on a background with the Decimal color 6291351.

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](#).

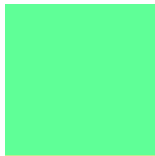
Dichromacy





Tritanopia
10088447

Trichromacy



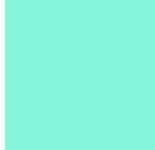
Original Color
6291351



Protanomaly
12512143



Deuteranomaly
12969899

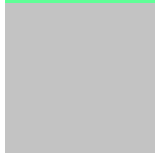


Tritanomaly
8713689

Monochromacy



Original Color
6291351



Achromatopsia
12829635



Achromatomaly
10475955

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6291351 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 #5FFF97 looks like.

```
.text, #text, p{  
    color:#5FFF97  
}
```

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 #5FFF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFF97
}
```

Border

The CSS property to change the border of an element to Decimal 6291351 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
#5FFF97 }
```

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

```
.border{ border-color:#5FFF97 }
```

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

Here you see how a box with a 4 pixel #5FFF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFF97; -webkit-box-shadow:4px 4px  
4px 4px #5FFF97; box-shadow:4px 4px 4px  
4px #5FFF97 }
```

Background

The CSS property to change the background color of an element to Decimal 6291351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFF97 }
```

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

```
.background{ background-color:#5FFF97 }
```

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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