

Converting Colors

Decimal(247551)

Have a look what the booklet for
Decimal(247551) contains.

Decimal(247551)	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(247551)

Conversions

Conversions Part 1

Format	Color
Hex	03C6FF
RGB	3, 198, 255
RGB Percent	1%, 78%, 100%
CMY	0.9882, 0.2235, 0.0000
CMYK	0.99, 0.22, 0.00, 0.00
HSL	194°, 100%, 51%
HSV	194°, 99%, 100%
XYZ	38.2816, 47.6275, 101.7831
YIQ	146.1930, -134.5170, -23.6130

Conversions

Conversions Part 2

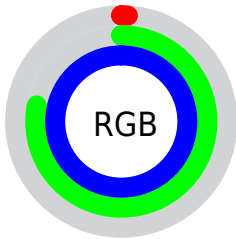
Format	Color
R_{YB}	3, 113, 255
Decimal	247551
CIE _{Lab}	74.59, -21.22, -39.37
CIE _{LCh}	75, 44.722, 241.672
Yxy	47.6275, 0.2040, 0.2538
Android (android.graphics.Color)	4278437631 (0xFF03C6FF)
YUV	146.1930, 53.6419, -125.5803
Hunter-Lab	69.0127, -21.7575, -39.1347

Details

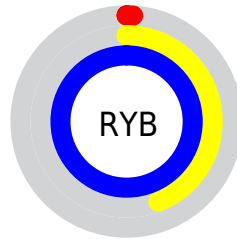
The Decimal color **247551** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16727043**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **7602175**, and **37062** is the 20% darker color. If you saturate the color by 10%, you get **50687**, and if you desaturate by 10%, it is **1887487**.

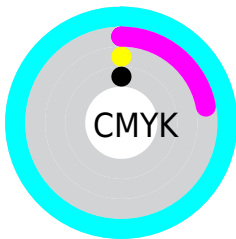
Distribution



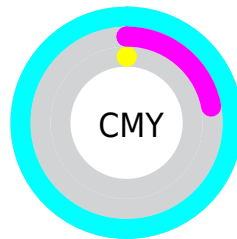
- Red (1%)
- Green (78%)
- Blue (100%)



- Red (1%)
- Yellow (44%)
- Blue (100%)



- Cyan (99%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)

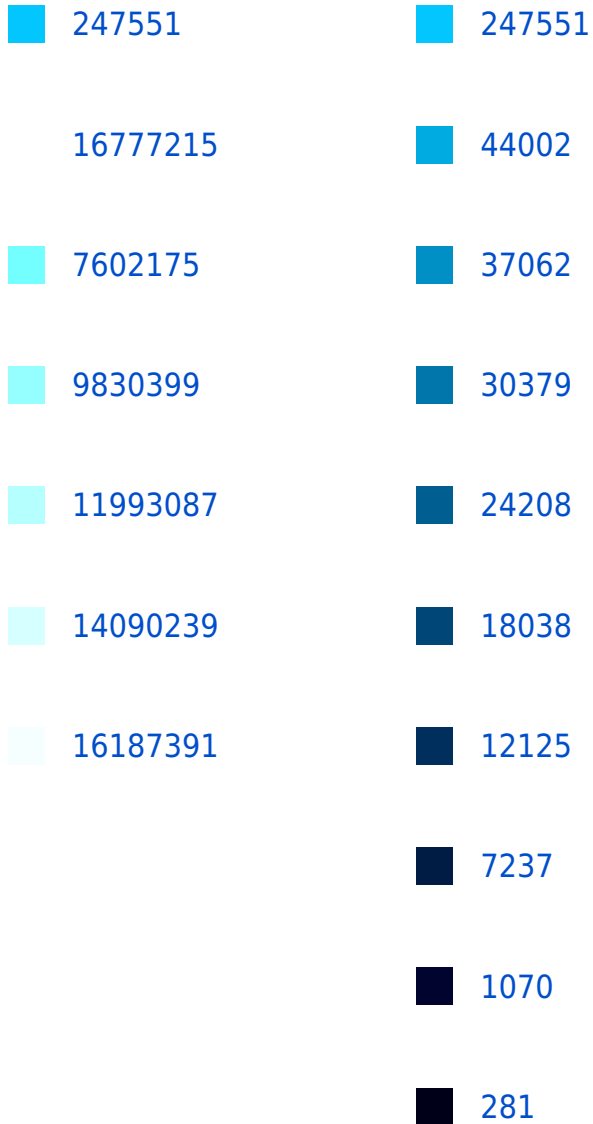


- Cyan (99%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 247551 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 247551 by changing the saturation by 10% instead.



■ 247551

■ 247551

■ 50687

■ 1887487

■ 3592959

■ 5298175

■ 6938111

■ 8643583

■ 10283519

■ 11923199

■ 13628671

■ 15334143

Harmonies

Analogous

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



52449



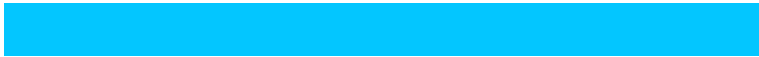
247551



8109055

Triad

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



247551



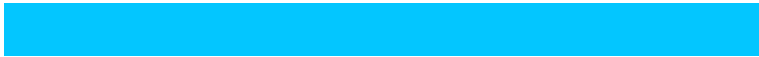
16750519



10863216

Complementary

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



247551



16727043

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.



13612644



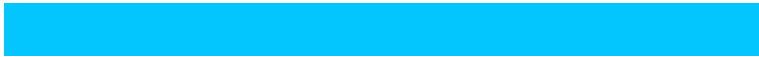
247551



16751502

Square

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



247551



15572703



15837040



7522959

Rectangle

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



247551



11186687



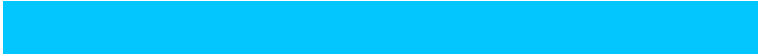
15837040



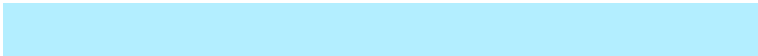
11845225

Sweetspot

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



247551



11792127



261946



5404032



0



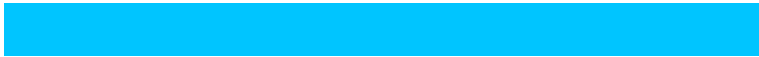
8421504

Same Dimension

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



247551



50687



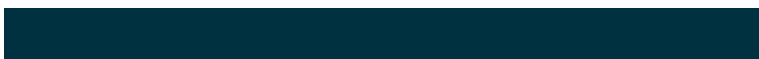
215807



7568768



38079



12608

Inverse Universe

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



16712646



16711877



16758787



8418173



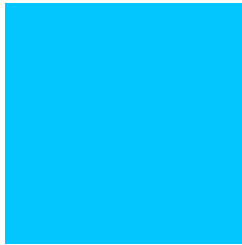
12517524



4194353

Previews

White Background



This preview shows how the Decimal color 247551 looks on a white background.

Color Contrast Check

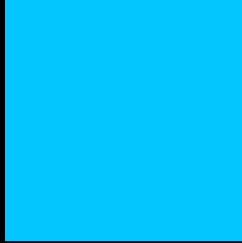
Large Text (above 18pt) WCAG AA × Fail

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 247551 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 247551 Background



This preview shows how black text looks on a background with the Decimal color 247551.

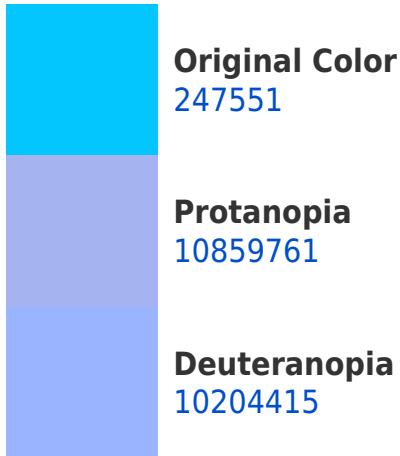


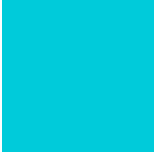
This preview shows how white text looks on a background with the Decimal color 247551.

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
52186

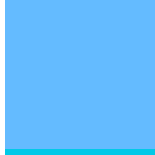
Trichromacy



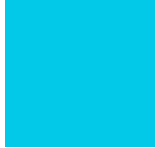
Original Color
247551



Protanomaly
6994934



Deuteranomaly
6601727



Tritanomaly
117223

Monochromacy



Original Color
247551



Achromatopsia
9605778



Achromatomaly
6202810

CSS Examples

Text

The CSS property to change the color of the text to Decimal 247551 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 #03C6FF looks like.

```
.text, #text, p{  
  color:#03C6FF  
}
```

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 #03C6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03C6FF
}
```

Border

The CSS property to change the border of an element to Decimal 247551 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
#03C6FF }
```

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

```
.border{ border-color:#03C6FF }
```

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

Here you see how a box with a 4 pixel #03C6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03C6FF; -webkit-box-shadow:4px 4px  
4px 4px #03C6FF; box-shadow:4px 4px 4px  
4px #03C6FF }
```

Background

The CSS property to change the background color of an element to Decimal 247551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03C6FF }
```

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

```
.background{ background-color:#03C6FF }
```

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