

Converting Colors

Decimal(50687)

Have a look what the booklet for
Decimal(50687) contains.

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Color

Decimal(50687)

Conversions

Conversions Part 1

Format	Color
Hex	00C5FF
RGB	0, 197, 255
RGB Percent	0%, 77%, 100%
CMY	1.0000, 0.2275, 0.0000
CMYK	1.00, 0.23, 0.00, 0.00
HSL	194°, 100%, 50%
HSV	194°, 100%, 100%
XYZ	38.0163, 47.1525, 101.7054
YIQ	144.7090, -136.0300, -23.7260

Conversions

Conversions Part 2

Format	Color
RYB	0, 111, 255
Decimal	50687
CIELab	74.29, -20.77, -39.84
CIELCh	74, 44.929, 242.459
Yxy	47.1525, 0.2034, 0.2523
Android (android.graphics.Color)	4278240767 (0xFF00C5FF)
YUV	144.7090, 54.3735, -126.9098
Hunter-Lab	68.6677, -21.3461, -39.7485

Details

The Decimal color **50687** 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 **16726528**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **7536383**, and **36806** is the 20% darker color. If you saturate the color by 10%, you get **50687**, and if you desaturate by 10%, it is **1690623**.

Distribution



- Red (0%)
- Green (77%)
- Blue (100%)



- Red (0%)
- Yellow (44%)
- Blue (100%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




















- Cyan (100%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50687 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 50687 by changing the saturation by 10% instead.

 50687	 50687
 16777215	 43746
 7536383	 36806
 9830399	 30123
 11927551	 23952
 14090239	 17782
 16187391	 12125
	 6981
	 1070
	 280

■ 50687

■ 1690623

■ 3396095

■ 5101311

■ 6741247

■ 8446719

■ 10086655

■ 11792127

■ 13431807

■ 15137279

Harmonies

Analogous

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



52194



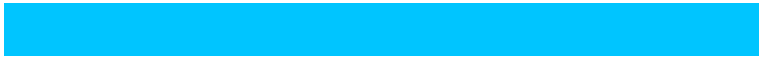
50687



8174335

Triad

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



50687



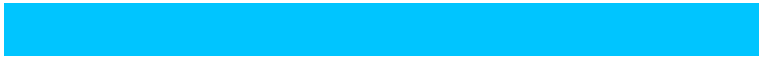
16750005



10666351

Complementary

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



50687



16726528

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.



13481315



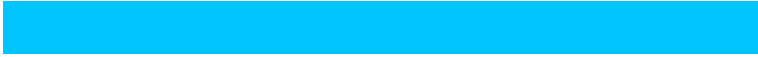
50687



16751245

Square

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



50687



15572190



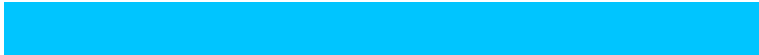
15771502



7326095

Rectangle

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



50687



11251967



15771502



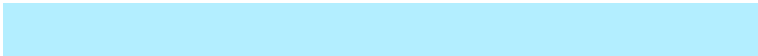
11714152

Sweetspot

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



50687



11792127



65335



5404032



0



8421504

Same Dimension

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



50687



18687



7568768



38079



12608

Inverse Universe

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



16711877



16758528



8418173



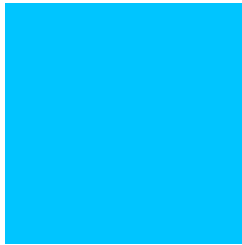
12517524



4194353

Previews

White Background



This preview shows how the Decimal color 50687 looks on a white background.

Color Contrast Check

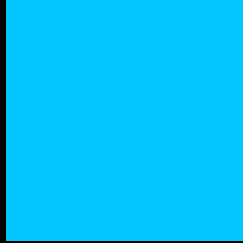
Large Text (above 18pt) WCAG AA × Fail

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 50687 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 50687 Background



This preview shows how black text looks on a background with the Decimal color 50687.

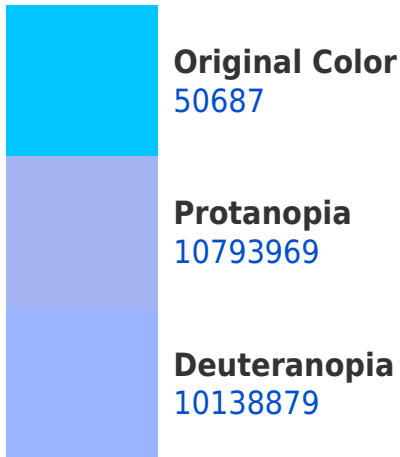


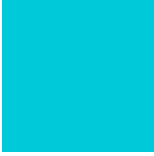
This preview shows how white text looks on a background with the Decimal color 50687.

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
51929

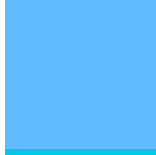
Trichromacy



Original Color
50687



Protanomaly
6863606



Deuteranomaly
6470399



Tritanomaly
51431

Monochromacy



Original Color
50687



Achromatopsia
9539985



Achromatomaly
6071481

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50687 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 #00C5FF looks like.

```
.text, #text, p{  
    color:#00C5FF  
}
```

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 #00C5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5FF
}
```

Border

The CSS property to change the border of an element to Decimal 50687 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
#00C5FF }
```

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

```
.border{ border-color:#00C5FF }
```

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

Here you see how a box with a 4 pixel #00C5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5FF; -webkit-box-shadow:4px 4px  
4px 4px #00C5FF; box-shadow:4px 4px 4px  
4px #00C5FF }
```

Background

The CSS property to change the background color of an element to Decimal 50687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5FF }
```

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

```
.background{ background-color:#00C5FF }
```

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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