

Converting Colors

Decimal(4892666)

Have a look what the booklet for
Decimal(4892666) contains.

Decimal(4892666)	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(4892666)

Conversions

Conversions Part 1

Format	Color
Hex	4AA7FA
RGB	74, 167, 250
RGB Percent	29%, 65%, 98%
CMY	0.7098, 0.3451, 0.0196
CMYK	0.70, 0.33, 0.00, 0.02
HSL	208°, 95%, 64%
HSV	208°, 70%, 98%
XYZ	33.8981, 35.9954, 95.6037
YIQ	148.6550, -82.0710, 6.0970

Conversions

Conversions Part 2

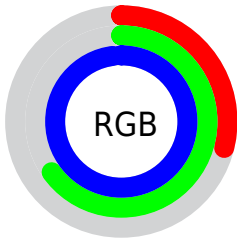
Format	Color
R_{YB}	74, 135, 250
Decimal	4892666
CIE _{Lab}	66.52, -1.09, -49.24
CIE _{LCh}	67, 49.257, 268.728
Yxy	35.9954, 0.2048, 0.2175
Android (android.graphics.Color)	4283082746 (0xFF4AA7FA)
YUV	148.6550, 49.9631, -65.4724
Hunter-Lab	59.9962, -4.1401, -52.4811

Details

The Decimal color **4892666** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **16424266**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9297663**, and **29889** is the 20% darker color. If you saturate the color by 10%, you get **3251194**, and if you desaturate by 10%, it is **6534138**.

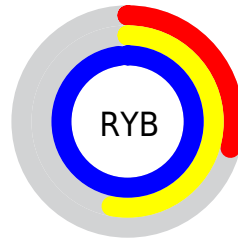
Distribution



Red (29%)

Green (65%)

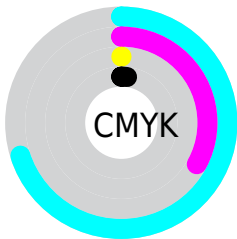
Blue (98%)



Red (29%)

Yellow (53%)

Blue (98%)

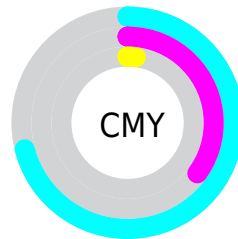


Cyan (70%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (35%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4892666 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 4892666 by changing the saturation by 10% instead.

■ 4892666

■ 4892666

16777215

■ 1674717

■ 9297663

■ 29889

■ 11336447

■ 23462

■ 13369343

■ 17547

■ 15400959

■ 12145

■ 7000

■ 1856

■ 809

■ 275

■ 4892666

■ 4892666

■ 3251194

■ 6534138

■ 1609722

■ 8175610

■ 34042

■ 9816826

■ 11458298

■ 13099770

■ 14741242

■ 16382714

■ 16777210

Harmonies

Analogous

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



45805



4892666



10655728

Triad

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



4892666



15958138



5813362

Complementary

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



4892666



16424266

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.



9546833



4892666



14716759

Square

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



4892666



15826085



12427078



47262

Rectangle

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



4892666



13143005



12427078



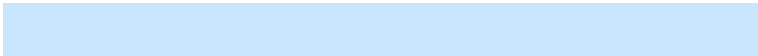
7189093

Sweetspot

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



4892666



13231871



4913820



6320256



0



8421504

Same Dimension

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



4892666



2726655



4870394



7370621



25789



8253

Inverse Universe

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



16403111



16722330



16446538



8220791



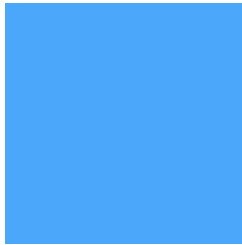
12386404



3997728

Previews

White Background



This preview shows how the Decimal color 4892666 looks on a white background.

Color Contrast Check

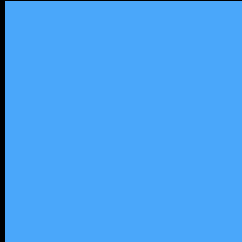
Large Text (above 18pt) WCAG AA × Fail

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 4892666 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

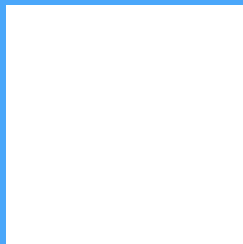
Any Text WCAG AAA ✓ Pass

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

Decimal 4892666 Background



This preview shows how black text looks on a background with the Decimal color 4892666.



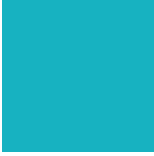
This preview shows how white text looks on a background with the Decimal color 4892666.

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](#).

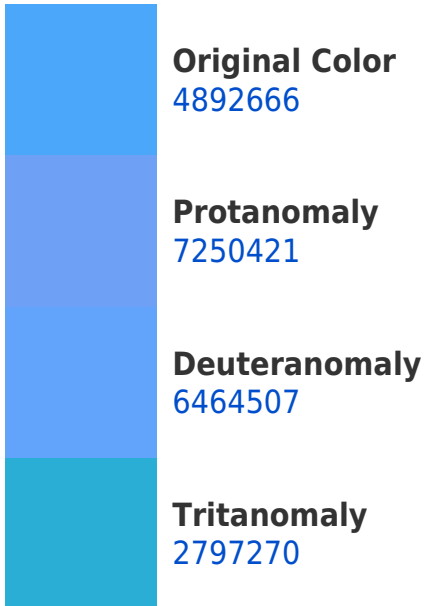
Dichromacy





Tritanopia
1553089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4892666 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 #4AA7FA looks like.

```
.text, #text, p{  
    color:#4AA7FA  
}
```

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 #4AA7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA7FA
}
```

Border

The CSS property to change the border of an element to Decimal 4892666 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
#4AA7FA }
```

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

```
.border{ border-color:#4AA7FA }
```

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

Here you see how a box with a 4 pixel #4AA7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA7FA; -webkit-box-shadow:4px 4px  
4px 4px #4AA7FA; box-shadow:4px 4px 4px  
4px #4AA7FA }
```

Background

The CSS property to change the background color of an element to Decimal 4892666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA7FA }
```

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

```
.background{ background-color:#4AA7FA }
```

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