

Converting Colors

Decimal(563967)

Have a look what the booklet for
Decimal(563967) contains.

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Color

Decimal(563967)

Conversions

Conversions Part 1

Format	Color
Hex	089AFF
RGB	8, 154, 255
RGB Percent	3%, 60%, 100%
CMY	0.9686, 0.3961, 0.0000
CMYK	0.97, 0.40, 0.00, 0.00
HSL	205°, 100%, 52%
HSV	205°, 97%, 100%
XYZ	29.7057, 30.3828, 98.9066
YIQ	121.8600, -119.4370, 0.4590

Conversions

Conversions Part 2

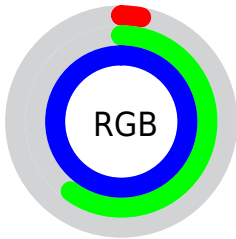
Format	Color
R _Y B	8, 100, 255
Decimal	563967
CIE Lab	61.98, 3.18, -59.24
CIE LCh	62, 59.327, 273.074
Yxy	30.3828, 0.1868, 0.1911
Android (android.graphics.Color)	4278754047 (0xFF089AFF)
YUV	121.8600, 65.6380, -99.8552
Hunter-Lab	55.1206, -0.2634, -67.8035

Details

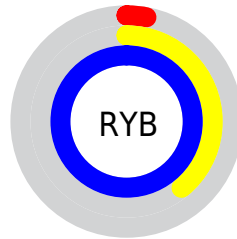
The Decimal color **563967** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **16739592**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **7459071**, and **26822** is the 20% darker color. If you saturate the color by 10%, you get **38911**, and if you desaturate by 10%, it is **2204927**.

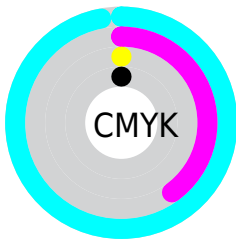
Distribution



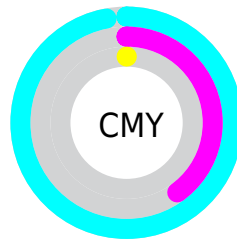
- Red (3%)
- Green (60%)
- Blue (100%)



- Red (3%)
- Yellow (39%)
- Blue (100%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)

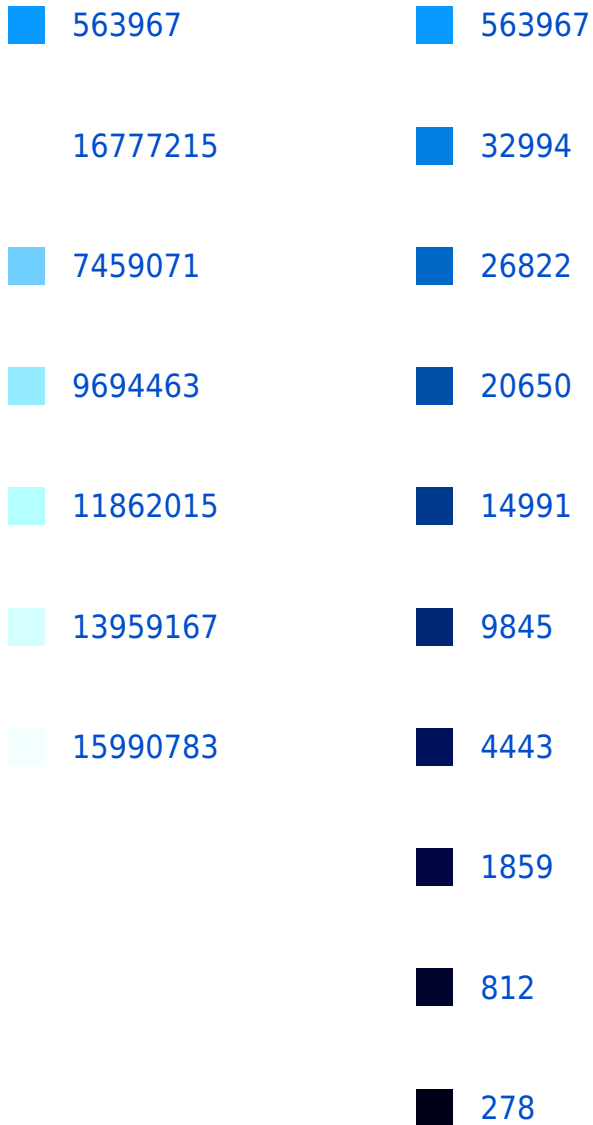


- Cyan (97%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 563967 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 563967 by changing the saturation by 10% instead.



■ 563967

■ 563967

■ 38911

■ 2204927

■ 3911679

■ 5618175

■ 7259391

■ 8965887

■ 10607103

■ 12313599

■ 13954559

■ 15661311

Harmonies

Analogous

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



43251



563967



10389230

Triad

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



563967



15822175



1551204

Complementary

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



563967



16739592

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.



7775030



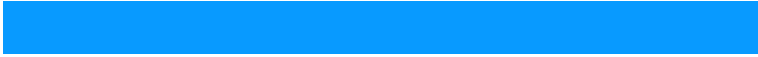
563967



14057782

Square

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



563967



16016531



11310369



44954

Rectangle

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



563967



13268694



11310369



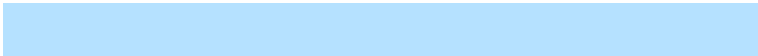
4630867

Sweetspot

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



563967



11919871



589675



5467520



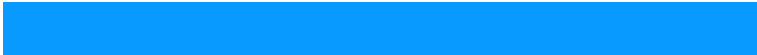
0



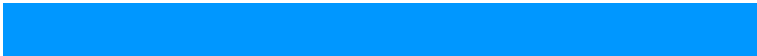
8421504

Same Dimension

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



563967



38911



532991



7568000



29119



9792

Inverse Universe

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



16713882



16711831



16770568



8418170



12517489



4194342

Previews

White Background



This preview shows how the Decimal color 563967 looks on a white background.

Color Contrast Check

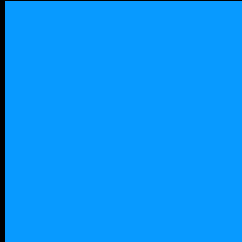
Large Text (above 18pt) WCAG AA × Fail

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 563967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

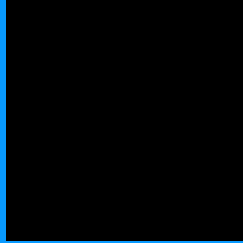
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

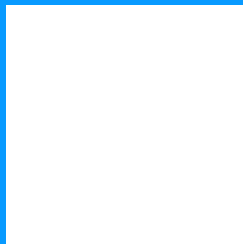
Any Text WCAG AAA ✓ Pass

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

Decimal 563967 Background



This preview shows how black text looks on a background with the Decimal color 563967.



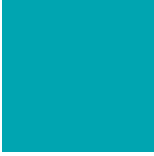
This preview shows how white text looks on a background with the Decimal color 563967.

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](#).

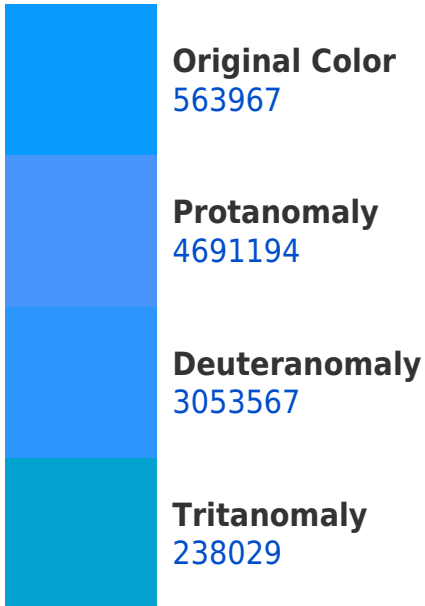
Dichromacy





Tritanopia
42417

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 563967 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 #089AFF looks like.

```
.text, #text, p{  
    color:#089AFF  
}
```

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 #089AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089AFF
}
```

Border

The CSS property to change the border of an element to Decimal 563967 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
#089AFF }
```

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

```
.border{ border-color:#089AFF }
```

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

Here you see how a box with a 4 pixel #089AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089AFF; -webkit-box-shadow:4px 4px  
4px 4px #089AFF; box-shadow:4px 4px 4px  
4px #089AFF }
```

Background

The CSS property to change the background color of an element to Decimal 563967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089AFF }
```

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

```
.background{ background-color:#089AFF }
```

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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