

Converting Colors

Decimal(3988735)

Have a look what the booklet for
Decimal(3988735) contains.

Decimal(3988735)	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(3988735)

Conversions

Conversions Part 1

Format	Color
Hex	3CDCFF
RGB	60, 220, 255
RGB Percent	24%, 86%, 100%
CMY	0.7647, 0.1373, 0.0000
CMYK	0.76, 0.14, 0.00, 0.00
HSL	191°, 100%, 62%
HSV	191°, 76%, 100%
XYZ	45.5067, 59.3671, 103.6683
YIQ	176.1500, -106.5950, -23.0350

Conversions

Conversions Part 2

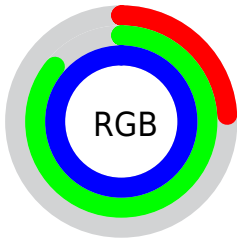
Format	Color
RYB	60, 148, 255
Decimal	3988735
CIELab	81.49, -29.07, -28.66
CIELCh	81, 40.827, 224.593
Yxy	59.3671, 0.2182, 0.2847
Android (android.graphics.Color)	4282178815 (0xFF3CDCFF)
YUV	176.1500, 38.8731, -101.8635
Hunter-Lab	77.0500, -29.4133, -25.8377

Details

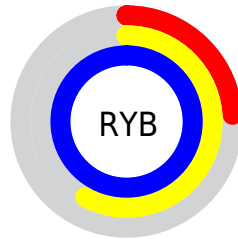
The Decimal color **3988735** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **16736060**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **8912895**, and **42438** is the 20% darker color. If you saturate the color by 10%, you get **2283519**, and if you desaturate by 10%, it is **5693951**.

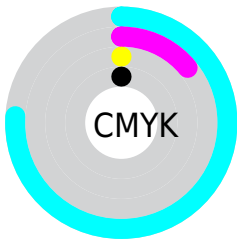
Distribution



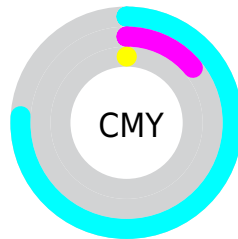
- Red (24%)
- Green (86%)
- Blue (100%)



- Red (24%)
- Yellow (58%)
- Blue (100%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3988735 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 3988735 by changing the saturation by 10% instead.

 3988735

 3988735

16777215


 49378

 8912895

 42438

 11075583

 35499

 13172735

 28816

 15269887

 22646

 16478

 10566

 3631

 282

■ 3988735

■ 3988735

■ 2283519

■ 5693951

■ 644095

■ 7333375

■ 53759

■ 9038591

■ 10678015

■ 12383231

■ 14022655

■ 15727871

16777215

Harmonies

Analogous

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



4644828



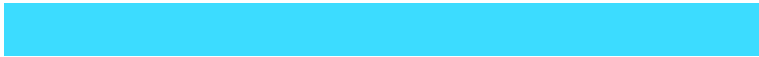
3988735



7591167

Triad

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



3988735



16756704



13749887

Complementary

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



3988735



16736060

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.



16105857



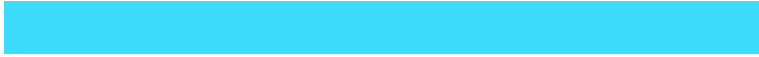
3988735



16756153

Square

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



3988735



15186687



16758167



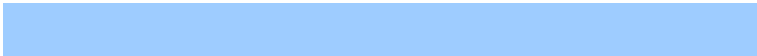
10999955

Rectangle

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



3988735



10407167



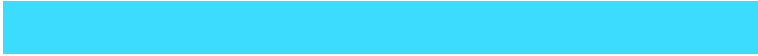
16758167



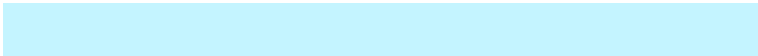
14600830

Sweetspot

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



3988735



12907775



3997532



6060416



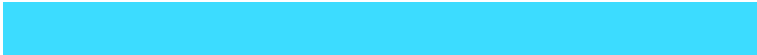
0



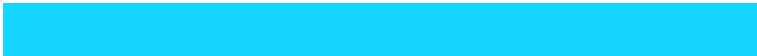
8421504

Same Dimension

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



3988735



1365503



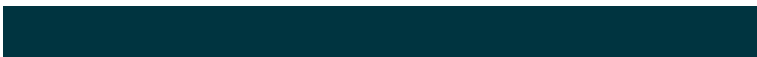
3964415



7568768



40383



13376

Inverse Universe

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



16727260



16717013



16760380



8418173



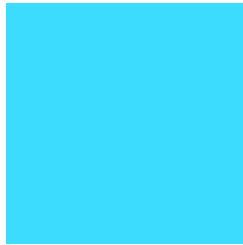
12517533



4194356

Previews

White Background



This preview shows how the Decimal color 3988735 looks on a white background.

Color Contrast Check

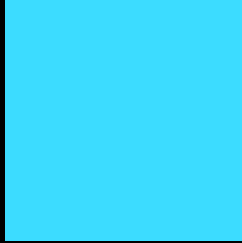
Large Text (above 18pt) WCAG AA × Fail

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 3988735 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 3988735 Background



This preview shows how black text looks on a background with the Decimal color 3988735.

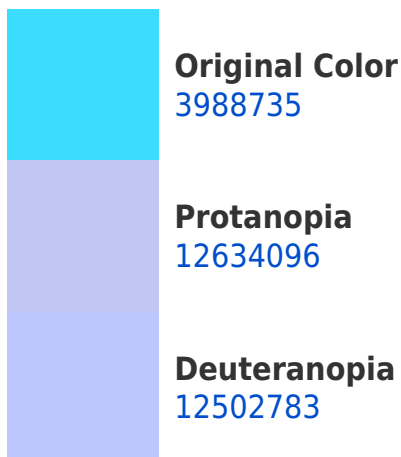


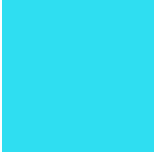
This preview shows how white text looks on a background with the Decimal color 3988735.

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





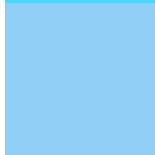
Tritanopia
3137265

Trichromacy



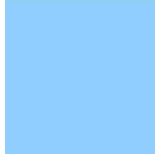
Original Color

3988735



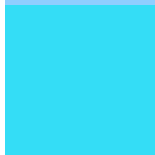
Protanomaly

9490421



Deuteranomaly

9424639



Tritanomaly

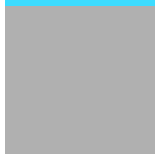
3464694

Monochromacy



Original Color

3988735



Achromatopsia

11579568



Achromatomaly

8831181

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3988735 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 #3CDCFF looks like.

```
.text, #text, p{  
    color:#3CDCFF  
}
```

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 #3CDCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CDCFF
}
```

Border

The CSS property to change the border of an element to Decimal 3988735 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
#3CDCFF }
```

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

```
.border{ border-color:#3CDCFF }
```

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

Here you see how a box with a 4 pixel #3CDCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CDCFF; -webkit-box-shadow:4px 4px  
4px 4px #3CDCFF; box-shadow:4px 4px 4px  
4px #3CDCFF }
```

Background

The CSS property to change the background color of an element to Decimal 3988735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CDCFF }
```

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

```
.background{ background-color:#3CDCFF }
```

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