

Converting Colors

Decimal(3996672)

Have a look what the booklet for
Decimal(3996672) contains.

| | |
|--|----|
| Decimal(3996672) | 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(3996672)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 3CFC00 |
| RGB | 60, 252, 0 |
| RGB Percent | 24%, 99%, 0% |
| CMY | 0.7647, 0.0118, 1.0000 |
| CMYK | 0.76, 0.00, 1.00, 0.01 |
| HSL | 106°, 100%, 49% |
| HSV | 106°, 100%, 99% |
| XYZ | 36.6739, 70.5815, 11.6907 |
| YIQ | 165.8640, -33.5400, -119.0760 |

Conversions

Conversions Part 2

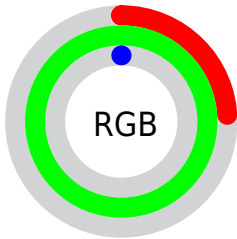
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 252, 192 |
| Decimal | 3996672 |
| CIELab | 87.28, -81.17, 83.01 |
| CIELCh | 87, 116.103, 134.357 |
| Yxy | 70.5815, 0.3083, 0.5934 |
| Android (android.graphics.Color) | 4282186752 (0xFF3CFC00) |
| YUV | 165.8640, -81.7710, -92.8427 |
| Hunter-Lab | 84.0128, -69.1022, 50.5585 |

Details

The Decimal color **3996672** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **12583164**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9109340**, and **49664** is the 20% darker color. If you saturate the color by 10%, you get **3996672**, and if you desaturate by 10%, it is **5241881**.

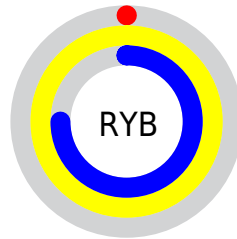
Distribution



Red (24%)

Green (99%)

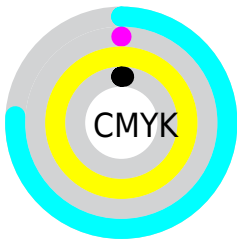
Blue (0%)



Red (0%)

Yellow (99%)

Blue (75%)

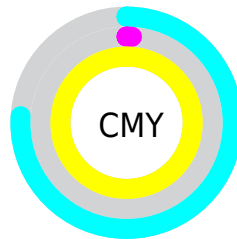


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (76%)



















Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3996672 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 3996672 by changing the saturation by 10% instead.

| | |
|---|---|
|  3996672 |  3996672 |
|  16777215 |  57088 |
|  9109340 |  49664 |
|  11337595 |  42240 |
|  13434776 |  35328 |
|  15597494 |  28416 |
|  16777172 |  21504 |
|  16777202 |  15104 |
| |  8448 |
| |  0 |

 3996672

 5241881

 6487090

 7797836

 9043045

 10288254

 11533463

 12778672

 14089418

 15334627

Harmonies

Analogous

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



14083584



3996672



65435

Triad

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



3996672



63743



16730283

Complementary

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



3996672



12583164

Split Complementary

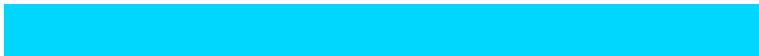
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16734975



3996672



55295

Square

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



3996672



65535



16752895



16746303

Rectangle

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



3996672



65512



16752895



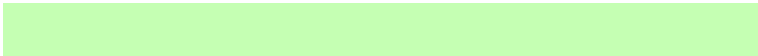
16728272

Sweetspot

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



3996672



12976051



16563456



6127698



0



8421504

Same Dimension

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



3996672



4062976



64575



7568752



2997504



998656

Inverse Universe

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



12583164



12714239



16515261



8024189



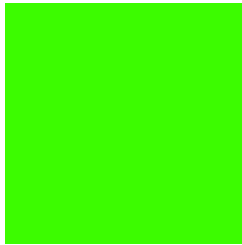
9437373



3080253

Previews

White Background



This preview shows how the Decimal color 3996672 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 3996672 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 3996672 Background



This preview shows how black text looks on a background with the Decimal color 3996672.



This preview shows how white text looks on a background with the Decimal color 3996672.

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](#).

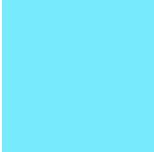
Dichromacy



Original Color
3996672

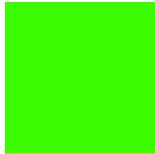
Protanopia
16046336

Deuteranopia
16765322



Tritanopia
7858941

Trichromacy



Original Color
3996672



Protanomaly
11658752

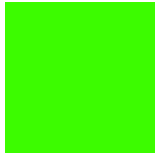


Deuteranomaly
12116312



Tritanomaly
6484385

Monochromacy



Original Color
3996672



Achromatopsia
10921638



Achromatomaly
8373610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3996672 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 #3CFC00 looks like.

```
.text, #text, p{  
    color:#3CFC00  
}
```

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 #3CFC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CFC00
}
```

Border

The CSS property to change the border of an element to Decimal 3996672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

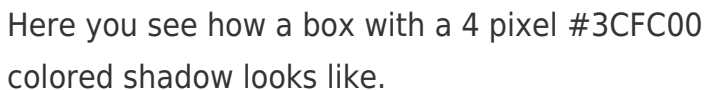
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3CFC00 }
```

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

```
.border{ border-color:#3CFC00 }
```

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



Here you see how a box with a 4 pixel `#3CFC00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CFC00; -webkit-box-shadow:4px 4px  
4px 4px #3CFC00; box-shadow:4px 4px 4px  
4px #3CFC00 }
```

Background

The CSS property to change the background color of an element to Decimal 3996672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CFC00 }
```

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

```
.background{ background-color:#3CFC00 }
```

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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