

# Converting Colors

Decimal(4387022)

Have a look what the booklet for  
Decimal(4387022) contains.

<b>Decimal(4387022)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4387022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42F0CE
RGB	66, 240, 206
RGB Percent	26%, 94%, 81%
CMY	0.7412, 0.0588, 0.1922
CMYK	0.72, 0.00, 0.14, 0.06
HSL	168°, 85%, 60%
HSV	168°, 72%, 94%
XYZ	44.5474, 67.9347, 69.1573
YIQ	184.0980, -92.7900, -47.4620

# Conversions

## Conversions Part 2

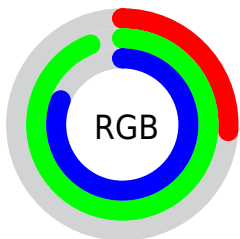
Format	Color
<a href="#">RYB</a>	<a href="#">66, 162, 240</a>
Decimal	<a href="#">4387022</a>
CIELab	<a href="#">85.97, -51.16, 3.90</a>
CIElCh	<a href="#">86, 51.303, 175.642</a>
Yxy	<a href="#">67.9347, 0.2453, 0.3740</a>
Android (android.graphics.Color)	<a href="#">4282577102</a> ( <a href="#">0xFF42F0CE</a> )
YUV	<a href="#">184.0980, 10.7977, -103.5719</a>
Hunter-Lab	<a href="#">82.4225, -47.7643, 7.9479</a>

# Details

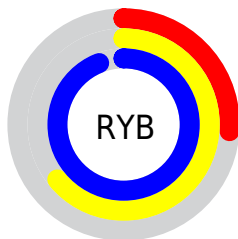
The Decimal color **4387022** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **15745636**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **9043967**, and **47000** is the 20% darker color. If you saturate the color by 10%, you get **2814153**, and if you desaturate by 10%, it is **5959891**.

# Distribution



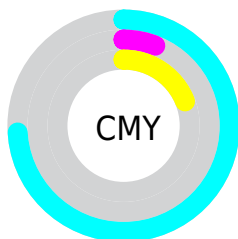
- Red (26%)
- Green (94%)
- Blue (81%)



- Red (26%)
- Yellow (64%)
- Blue (94%)



- Cyan (72%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (74%)
- Magenta (6%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4387022 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 4387022 by changing the saturation by 10% instead.





■ 4387022

■ 4387022

■ 2814153

■ 5959891

■ 1241285

■ 7532759

■ 61633

■ 9105628

■ 10678497

■ 12251365

■ 13824234

■ 15397103

■ 16773364

■ 16773368

# Harmonies

## Analogous

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



9563038



4387022



61695

# Triad

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



4387022



13749759



16760968

# Complementary

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



4387022



15745636

# 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.



16757680



4387022



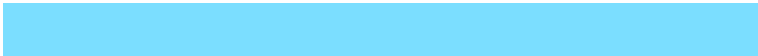
16759807

# Square

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



4387022



8118015



16756960



16568949

# Rectangle

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



4387022



60927



16756960



16759700

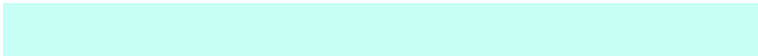


# Sweetspot

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



4387022



13107188



6680642



6193273



0



8421504



# Same Dimension

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



4387022



2228180



4373744



7108726



47252



14381



# Inverse Universe

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



15745636



16720204



15758914



7892078



12058660

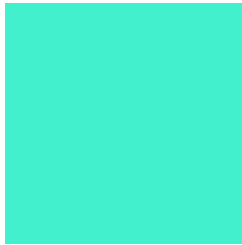


3670027



# Previews

## White Background



This preview shows how the Decimal color 4387022 looks on a white background.

## Color Contrast Check

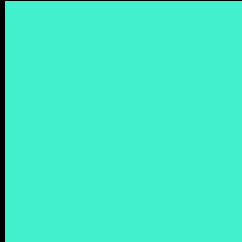
Large Text (above 18pt) WCAG AA × Fail

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 4387022 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

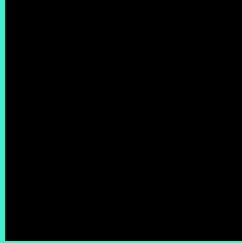
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4387022 Background



This preview shows how black text looks on a background with the Decimal color 4387022.



This preview shows how white text looks on a background with the Decimal color 4387022.

# 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



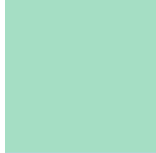


**Tritanopia**  
6023676

# Trichromacy



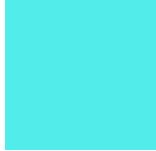
**Original Color**  
4387022



**Protanomaly**  
10870468

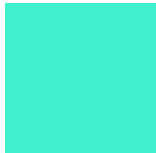


**Deuteranomaly**  
11328210

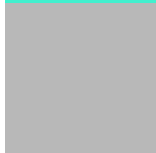


**Tritanomaly**  
5434603

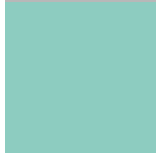
# Monochromacy



**Original Color**  
4387022



**Achromatopsia**  
12105912



**Achromatomaly**  
9292992

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4387022 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 #42F0CE looks like.

```
.text, #text, p{  
  color:#42F0CE  
}
```

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 #42F0CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42F0CE
}
```

## Border

The CSS property to change the border of an element to Decimal 4387022 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
#42F0CE }
```

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

```
.border{ border-color:#42F0CE }
```

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

Here you see how a box with a 4 pixel #42F0CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42F0CE; -webkit-box-shadow:4px 4px  
4px 4px #42F0CE; box-shadow:4px 4px 4px  
4px #42F0CE }
```

# Background

The CSS property to change the background color of an element to Decimal 4387022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42F0CE }
```

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

```
.background{ background-color:#42F0CE }
```

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