

# Converting Colors

Decimal(4456369)

Have a look what the booklet for  
Decimal(4456369) contains.

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**Color**

**Decimal(4456369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43FFB1
RGB	67, 255, 177
RGB Percent	26%, 100%, 69%
CMY	0.7373, 0.0000, 0.3059
CMYK	0.74, 0.00, 0.31, 0.00
HSL	155°, 100%, 63%
HSV	155°, 74%, 100%
XYZ	46.0106, 75.8876, 53.8177
YIQ	189.8960, -87.0100, -64.1140

# Conversions

## Conversions Part 2

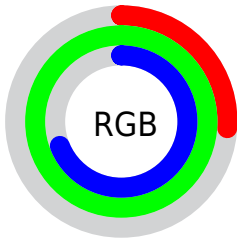
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 186, 255
Decimal	4456369
CIELab	89.81, -63.47, 24.29
CIELCh	90, 67.962, 159.055
Yxy	75.8876, 0.2618, 0.4319
Android (android.graphics.Color)	4282646449 (0xFF43FFB1)
YUV	189.8960, -6.3577, -107.7798
Hunter-Lab	87.1135, -58.1707, 24.3508

# Details

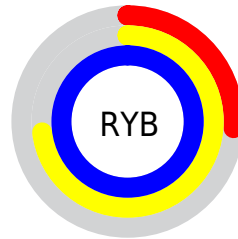
The Decimal color **4456369** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **16728977**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **9175017**, and **50556** is the 20% darker color. If you saturate the color by 10%, you get **2752422**, and if you desaturate by 10%, it is **6094780**.

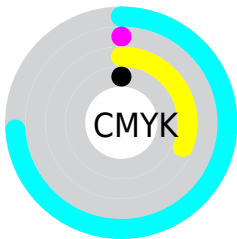
# Distribution



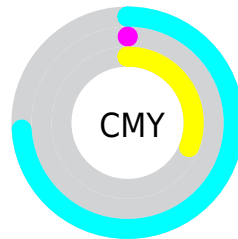
- Red (26%)
- Green (100%)
- Blue (69%)



- Red (26%)
- Yellow (73%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4456369 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 4456369 by changing the saturation by 10% instead.



4456369

4456369

16777215

58006

9175017

50556

11272191

43363

13369343

36170

15400959

29491

22557

16133

9984

0

■ 4456369

■ 4456369

■ 2752422

■ 6094780

■ 1114012

■ 7798726

■ 65429

■ 9502673

■ 11141083

■ 12845030

■ 14483440

■ 16121851

16777215

# Harmonies

## Analogous

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



11466104



4456369



65524

# Triad

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



4456369



9560831



16758419

# Complementary

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



4456369



16728977

# 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.



16755153



4456369



16763391

# Square

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



4456369



62975



16757247



16764519

# Rectangle

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



4456369



65535



16757247



16756902

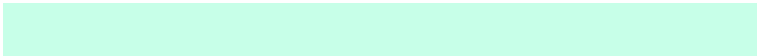


# Sweetspot

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



4456369



13107176



9568067



6193266



0



8421504



# Same Dimension

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



4456369



2097058



4452351



7569530



49008



16421



# Inverse Universe

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



16728977



16719740



16732995



8418168



12517455

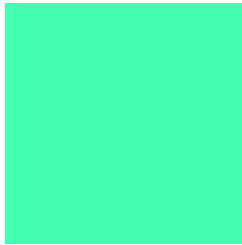


4194330



# Previews

## White Background



This preview shows how the Decimal color 4456369 looks on a white background.

## Color Contrast Check

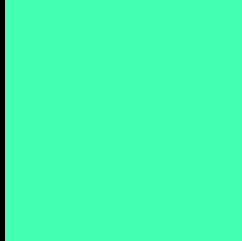
Large Text (above 18pt) WCAG AA × Fail

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 4456369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

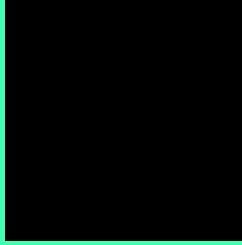
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4456369 Background



This preview shows how black text looks on a background with the Decimal color 4456369.




This preview shows how white text looks on a background with the Decimal color 4456369.

# 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**  
9564159

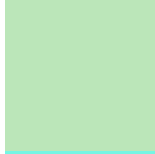
# Trichromacy



**Original Color**  
4456369



**Protanomaly**  
11660200



**Deuteranomaly**  
12314297



**Tritanomaly**  
7730659

# Monochromacy



**Original Color**  
4456369



**Achromatopsia**  
12500670



**Achromatomaly**  
9557689

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4456369 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 #43FFB1 looks like.

```
.text, #text, p{  
    color:#43FFB1  
}
```

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 #43FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43FFB1
}
```

## Border

The CSS property to change the border of an element to Decimal 4456369 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
#43FFB1 }
```

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

```
.border{ border-color:#43FFB1 }
```

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

Here you see how a box with a 4 pixel #43FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43FFB1; -webkit-box-shadow:4px 4px  
4px 4px #43FFB1; box-shadow:4px 4px 4px  
4px #43FFB1 }
```

# Background

The CSS property to change the background color of an element to Decimal 4456369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43FFB1 }
```

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

```
.background{ background-color:#43FFB1 }
```

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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