

# Converting Colors

Decimal(5436669)

Have a look what the booklet for  
Decimal(5436669) contains.

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# **Color**

**Decimal(5436669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52F4FD
RGB	82, 244, 253
RGB Percent	32%, 96%, 99%
CMY	0.6784, 0.0431, 0.0078
CMYK	0.68, 0.04, 0.00, 0.01
HSL	183°, 98%, 66%
HSV	183°, 68%, 99%
XYZ	53.5600, 73.5871, 104.3093
YIQ	196.5880, -99.4410, -31.5450

# Conversions

## Conversions Part 2

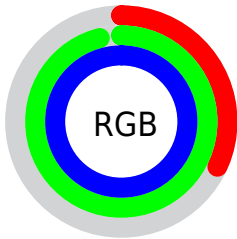
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 165, 253
Decimal	5436669
CIELab	88.73, -38.42, -16.60
CIELCh	89, 41.852, 203.362
Yxy	73.5871, 0.2314, 0.3179
Android (android.graphics.Color)	4283626749 (0xFF52F4FD)
YUV	196.5880, 27.8111, -100.4937
Hunter-Lab	85.7829, -38.6706, -12.0468

# Details

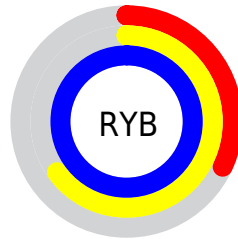
The Decimal color **5436669** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **16603986**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **9961471**, and **48068** is the 20% darker color. If you saturate the color by 10%, you get **3798013**, and if you desaturate by 10%, it is **7075325**.

# Distribution



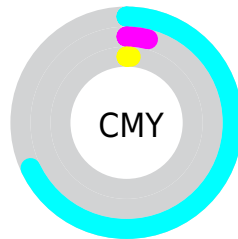
- Red (32%)
- Green (96%)
- Blue (99%)



- Red (32%)
- Yellow (65%)
- Blue (99%)



- Cyan (68%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (68%)
- Magenta (4%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5436669 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 5436669 by changing the saturation by 10% instead.



 5436669

 5436669

16777215


 2152416

 9961471

 48068

 12058623

 41129

 14155775

 34191

 16187391

 27509

 21085

 14917

 9775

 283

■ 5436669

■ 5436669

■ 3798013

■ 7075325

■ 2093565

■ 8779773

■ 454909

■ 10418429

■ 61693

■ 12057085

■ 13761533

■ 15400189

■ 16776701

16777213

# Harmonies

## Analogous

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



8123604



5436669



6221823

# Triad

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



5436669



16763647



16767375

# Complementary

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



5436669



16603986

# 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.



16764064



5436669



16761321

# Square

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



5436669



14145791



16761537



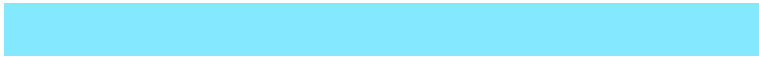
14345876

# Rectangle

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



5436669



8710655



16761537



16766355



# Sweetspot

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



5436669



13434111



5438811



6389376



0



8421504



# Same Dimension

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



5436669



3208447



5414909



7569280



46527



15424



# Inverse Universe

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



16601844



16724212



16625746



8418175



12517557

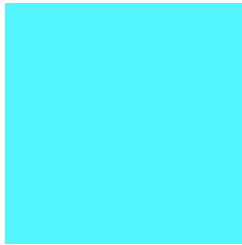


4194364



# Previews

## White Background



This preview shows how the Decimal color 5436669 looks on a white background.

## Color Contrast Check

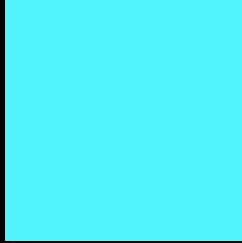
Large Text (above 18pt) WCAG AA × Fail

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 5436669 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

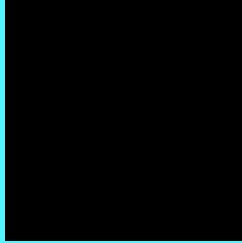
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5436669 Background



This preview shows how black text looks on a background with the Decimal color 5436669.



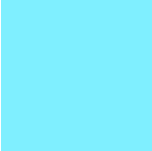
This preview shows how white text looks on a background with the Decimal color 5436669.

# 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



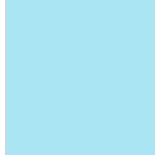


**Tritanopia**  
8384511

# Trichromacy



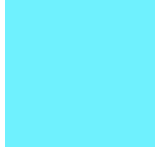
**Original Color**  
5436669



**Protanomaly**  
11199987



**Deuteranomaly**  
11330302

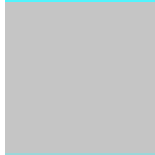


**Tritanomaly**  
7336446

# Monochromacy



**Original Color**  
5436669



**Achromatopsia**  
12961221



**Achromatomaly**  
10213081

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5436669 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 #52F4FD looks like.

```
.text, #text, p{  
    color:#52F4FD  
}
```

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 #52F4FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52F4FD
}
```

## Border

The CSS property to change the border of an element to Decimal 5436669 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
#52F4FD }
```

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

```
.border{ border-color:#52F4FD }
```

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

Here you see how a box with a 4 pixel #52F4FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52F4FD; -webkit-box-shadow:4px 4px  
4px 4px #52F4FD; box-shadow:4px 4px 4px  
4px #52F4FD }
```

# Background

The CSS property to change the background color of an element to Decimal 5436669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52F4FD }
```

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

```
.background{ background-color:#52F4FD }
```

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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