

# Converting Colors

Decimal(5961889)

Have a look what the booklet for  
Decimal(5961889) contains.

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# **Color**

**Decimal(5961889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AF8A1
RGB	90, 248, 161
RGB Percent	35%, 97%, 63%
CMY	0.6471, 0.0275, 0.3686
CMYK	0.64, 0.00, 0.35, 0.03
HSL	147°, 92%, 66%
HSV	147°, 64%, 97%
XYZ	44.2169, 71.8817, 45.2623
YIQ	190.8400, -66.2410, -60.5530

# Conversions

## Conversions Part 2

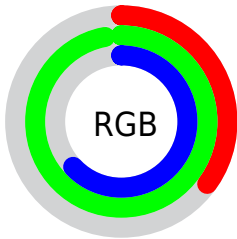
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 199, 248
Decimal	5961889
CIE <sub>Lab</sub>	87.91, -60.47, 29.89
CIE <sub>LCh</sub>	88, 67.456, 153.694
Yxy	71.8817, 0.2740, 0.4455
Android (android.graphics.Color)	4284151969 (0xFF5AF8A1)
YUV	190.8400, -14.7111, -88.4367
Hunter-Lab	84.7831, -55.2773, 27.6956

# Details

The Decimal color **5961889** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **16276145**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **10158040**, and **48749** is the 20% darker color. If you saturate the color by 10%, you get **4323475**, and if you desaturate by 10%, it is **7600303**.

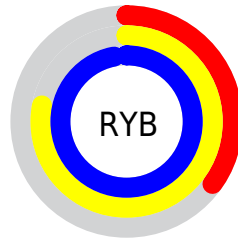
# Distribution



Red (35%)

Green (97%)

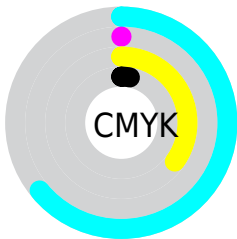
Blue (63%)



Red (35%)

Yellow (78%)

Blue (97%)

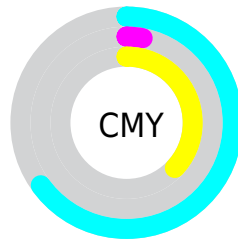


Cyan (64%)

Magenta (0%)

Yellow (35%)

Black (3%)



Cyan (65%)

Magenta (3%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5961889 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 5961889 by changing the saturation by 10% instead.



5961889

5961889

16777215

3464070

10158040

48749

12189685

41812

14155775

34620

16187391

27940

21260

14848

8960

0

■ 5961889

■ 5961889

■ 4323475

■ 7600303

■ 2685062

■ 9238716

■ 1112184

■ 10811594

■ 63599

■ 12450008

■ 14088421

■ 15726835

■ 16775423

# Harmonies

## Analogous

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



12053868



5961889



64739

# Triad

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



5961889



7332351



16756377

# Complementary

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



5961889



16276145

# 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.



16753879



5961889



15452415

# Square

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



5961889



62207



16756991



16761961

# Rectangle

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



5961889



64767



16756991



16754860

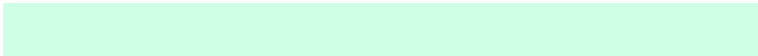


# Sweetspot

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



5961889



13631460



11860058



6455407



0



8421504



# Same Dimension

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



5961889



4063124



5961965



7372150



48469



15644



# Inverse Universe

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



16276145



16727464



16276069



8220791



12386408

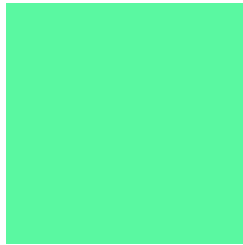


3997730



# Previews

## White Background



This preview shows how the Decimal color 5961889 looks on a white background.

## Color Contrast Check

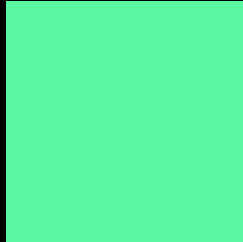
Large Text (above 18pt) WCAG AA × Fail

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 5961889 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 5961889 Background



This preview shows how black text looks on a background with the Decimal color 5961889.




This preview shows how white text looks on a background with the Decimal color 5961889.

# 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](#).

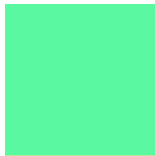
## Dichromacy





**Tritanopia**  
8121599

# Trichromacy



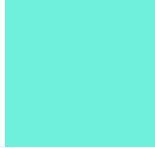
**Original Color**  
5961889



**Protanomaly**  
12117401



**Deuteranomaly**  
12837031



**Tritanomaly**  
7336157

# Monochromacy



**Original Color**  
5961889



**Achromatopsia**  
12566463



**Achromatomaly**  
10146996

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5961889 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 #5AF8A1 looks like.

```
.text, #text, p{  
    color:#5AF8A1  
}
```

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 #5AF8A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF8A1
}
```

## Border

The CSS property to change the border of an element to Decimal 5961889 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
#5AF8A1 }
```

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

```
.border{ border-color:#5AF8A1 }
```

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

Here you see how a box with a 4 pixel #5AF8A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF8A1; -webkit-box-shadow:4px 4px  
4px 4px #5AF8A1; box-shadow:4px 4px 4px  
4px #5AF8A1 }
```

# Background

The CSS property to change the background color of an element to Decimal 5961889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF8A1 }
```

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

```
.background{ background-color:#5AF8A1 }
```

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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