

# Converting Colors

Decimal(5605627)

Have a look what the booklet for  
Decimal(5605627) contains.

<b>Decimal(5605627)</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(5605627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5588FB
RGB	85, 136, 251
RGB Percent	33%, 53%, 98%
CMY	0.6667, 0.4667, 0.0157
CMYK	0.66, 0.46, 0.00, 0.02
HSL	222°, 95%, 66%
HSV	222°, 66%, 98%
XYZ	29.9631, 26.5046, 94.8035
YIQ	133.8610, -67.3110, 24.9530

# Conversions

## Conversions Part 2

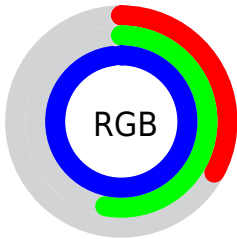
Format	Color
R <sub>Y</sub> B	85, 124, 251
Decimal	5605627
CIE Lab	58.51, 19.12, -62.51
CIE LCh	59, 65.366, 287.005
Yxy	26.5046, 0.1981, 0.1752
Android (android.graphics.Color)	4283795707 (0xFF5588FB)
YUV	133.8610, 57.7495, -42.8511
Hunter-Lab	51.4827, 13.7928, -73.1425

# Details

The Decimal color **5605627** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **16500821**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **9813503**, and **22466** is the 20% darker color. If you saturate the color by 10%, you get **3962875**, and if you desaturate by 10%, it is **7248379**.

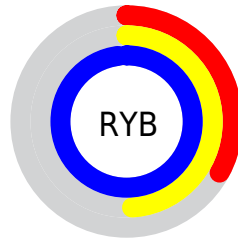
# Distribution



Red (33%)

Green (53%)

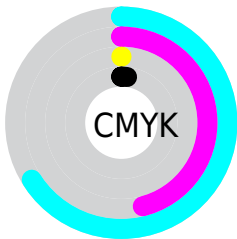
Blue (98%)



Red (33%)

Yellow (49%)

Blue (98%)

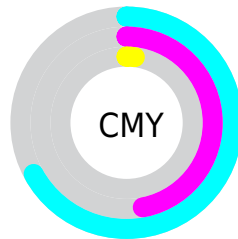


Cyan (66%)

Magenta (46%)

Yellow (0%)

Black (2%)



Cyan (67%)

Magenta (47%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5605627 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 5605627 by changing the saturation by 10% instead.



■ 5605627

■ 5605627

16777215

■ 2977758

■ 9813503

■ 22466

■ 11852031

■ 16550

■ 13891071

■ 11403

■ 15925247

■ 6513

■ 856

■ 1599

■ 808

■ 274

■ 5605627

■ 5605627

■ 3962875

■ 7248379

■ 2319867

■ 8891387

■ 677115

■ 10534139

■ 19963

■ 12177147

■ 13885435

■ 15528187

■ 16777211

# Harmonies

## Analogous

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



39677



5605627



12087004

# Triad

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



5605627



14837818



42609

# Complementary

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



5605627



16500821

# 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.



4431928



5605627



12419332

# Square

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



5605627



15946863



9081856



42925

# Rectangle

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



5605627



14376379



9081856



42077



# Sweetspot

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



5605627



13425919



5635014



6384256



0



8421504



# Same Dimension

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



5605627



3568639



7558651



7369853



15037



4925



# Inverse Universe

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



16471432



16725619



14547797



8220788



12386362

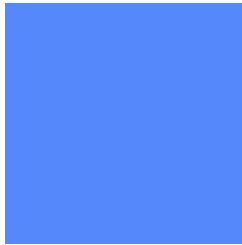


3997715



# Previews

## White Background



This preview shows how the Decimal color 5605627 looks on a white background.

## Color Contrast Check

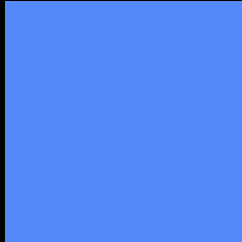
Large Text (above 18pt) WCAG AA ✓ Pass

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 5605627 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

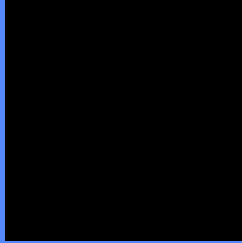
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

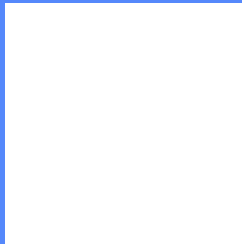
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5605627 Background



This preview shows how black text looks on a background with the Decimal color 5605627.



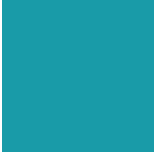
This preview shows how white text looks on a background with the Decimal color 5605627.

# 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](#).

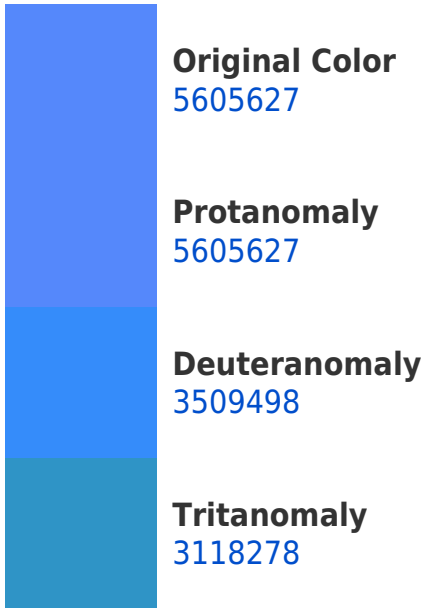
## Dichromacy





**Tritanopia**  
1678248

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5605627 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 #5588FB looks like.

```
.text, #text, p{  
    color:#5588FB  
}
```

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 #5588FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5588FB
}
```

## Border

The CSS property to change the border of an element to Decimal 5605627 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
#5588FB }
```

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

```
.border{ border-color:#5588FB }
```

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

Here you see how a box with a 4 pixel #5588FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5588FB; -webkit-box-shadow:4px 4px  
4px 4px #5588FB; box-shadow:4px 4px 4px  
4px #5588FB }
```

# Background

The CSS property to change the background color of an element to Decimal 5605627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5588FB }
```

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

```
.background{ background-color:#5588FB }
```

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