

# Converting Colors

Decimal(6600699)

Have a look what the booklet for  
Decimal(6600699) contains.

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# **Color**

**Decimal(6600699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64B7FB
RGB	100, 183, 251
RGB Percent	39%, 72%, 98%
CMY	0.6078, 0.2824, 0.0157
CMYK	0.60, 0.27, 0.00, 0.02
HSL	207°, 95%, 69%
HSV	207°, 60%, 98%
XYZ	39.6016, 43.5413, 97.5839
YIQ	165.9350, -71.2960, 3.5520

# Conversions

## Conversions Part 2

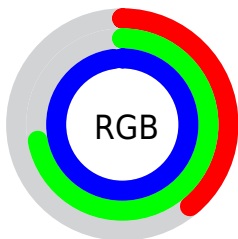
Format	Color
R <sub>Y</sub> B	100, 154, 251
Decimal	6600699
CIE Lab	71.92, -5.52, -41.24
CIE LCh	72, 41.608, 262.372
Yxy	43.5413, 0.2191, 0.2409
Android (android.graphics.Color)	4284790779 (0xFF64B7FB)
YUV	165.9350, 41.9370, -57.8250
Hunter-Lab	65.9859, -8.3480, -41.4915

# Details

The Decimal color **6600699** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16492644**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **10612735**, and **1213122** is the 20% darker color. If you saturate the color by 10%, you get **4959483**, and if you desaturate by 10%, it is **8241915**.

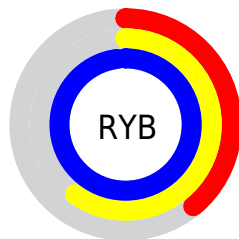
# Distribution



Red (39%)

Green (72%)

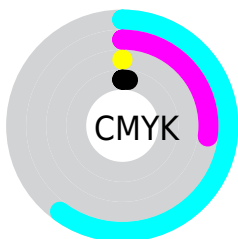
Blue (98%)



Red (39%)

Yellow (60%)

Blue (98%)

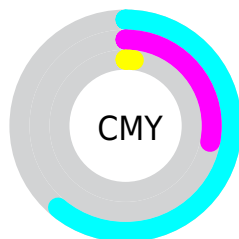


Cyan (60%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (28%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6600699 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 6600699 by changing the saturation by 10% instead.



■ 6600699

■ 6600699

16777215

■ 4365534

■ 10612735

■ 1213122

■ 12582911

■ 27047

■ 14614527

■ 20876

■ 16580607

■ 15218

■ 9817

■ 4417

■ 811

■ 277

■ 6600699

■ 6600699

■ 4959483

■ 8241915

■ 3318011

■ 9883387

■ 1676795

■ 11524603

■ 35579

■ 13165819

■ 14872827

■ 16514043

■ 16777211

# Harmonies

## Analogous

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



49387



6600699



10922742

# Triad

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



6600699



16422037



8437633

# Complementary

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



6600699



16492644

# 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.



11319144



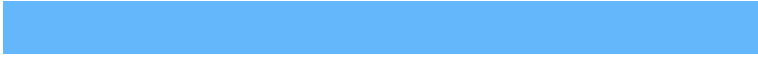
6600699



15572341

# Square

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



6600699



15963068



13740900



4900005

# Rectangle

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



6600699



13148649



13740900

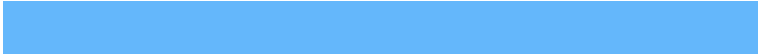


9420151

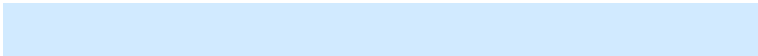


# Sweetspot

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



6600699



13757183



6618024



6517632



0



8421504



# Same Dimension

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



6600699



4697343



6581499



7370621



26813



8765



# Inverse Universe

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



16475319



16730028



16511844



8220791



12386408

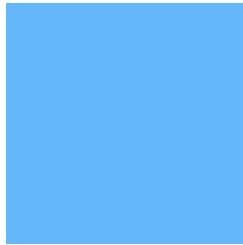


3997730



# Previews

## White Background



This preview shows how the Decimal color 6600699 looks on a white background.

## Color Contrast Check

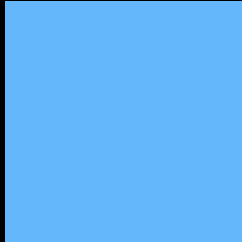
Large Text (above 18pt) WCAG AA × Fail

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 6600699 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

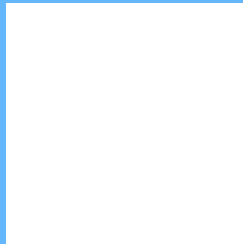
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6600699 Background



This preview shows how black text looks on a background with the Decimal color 6600699.



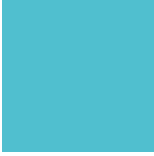
This preview shows how white text looks on a background with the Decimal color 6600699.

# 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**  
5291983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6600699 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 #64B7FB looks like.

```
.text, #text, p{  
    color:#64B7FB  
}
```

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 #64B7FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B7FB
}
```

## Border

The CSS property to change the border of an element to Decimal 6600699 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
#64B7FB }
```

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

```
.border{ border-color:#64B7FB }
```

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

Here you see how a box with a 4 pixel #64B7FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B7FB; -webkit-box-shadow:4px 4px  
4px 4px #64B7FB; box-shadow:4px 4px 4px  
4px #64B7FB }
```

# Background

The CSS property to change the background color of an element to Decimal 6600699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B7FB }
```

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

```
.background{ background-color:#64B7FB }
```

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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