

# Converting Colors

Decimal(6536959)

Have a look what the booklet for  
Decimal(6536959) contains.

<b>Decimal(6536959)</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(6536959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63BEFF
RGB	99, 190, 255
RGB Percent	39%, 75%, 100%
CMY	0.6118, 0.2549, 0.0000
CMYK	0.61, 0.25, 0.00, 0.00
HSL	205°, 100%, 69%
HSV	205°, 61%, 100%
XYZ	41.6090, 46.6996, 101.4286
YIQ	170.2010, -75.1010, 0.9230

# Conversions

## Conversions Part 2

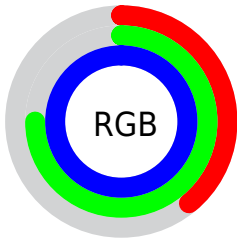
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 156, 255
Decimal	6536959
CIE Lab	74.00, -8.27, -40.16
CIE LCh	74, 41.002, 258.369
Yxy	46.6996, 0.2193, 0.2461
Android (android.graphics.Color)	4284727039 (0xFF63BEFF)
YUV	170.2010, 41.8059, -62.4433
Hunter-Lab	68.3371, -10.9049, -40.1646

# Details

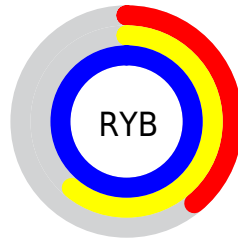
The Decimal color **6536959** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16753763**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **10614527**, and **559558** is the 20% darker color. If you saturate the color by 10%, you get **4830207**, and if you desaturate by 10%, it is **8178175**.

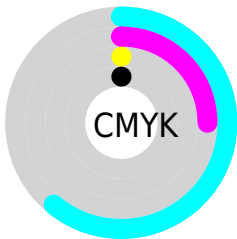
# Distribution



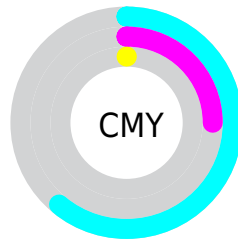
- Red (39%)
- Green (75%)
- Blue (100%)



- Red (39%)
- Yellow (61%)
- Blue (100%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6536959 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 6536959 by changing the saturation by 10% instead.



6536959

6536959

16777215

4236258

10614527

559558

12582911

28842

14614527

22416

16646143

16502

11101

5957

1070

280

■ 6536959

■ 6536959

■ 4830207

■ 8178175

■ 3189247

■ 9884671

■ 1482495

■ 11591423

■ 38399

■ 13232383

■ 14939135

■ 16580351

16777215

# Harmonies

## Analogous

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



706285



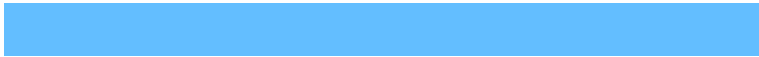
6536959



10793725

# Triad

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



6536959



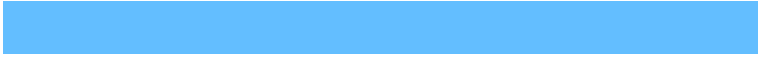
16751008



9225347

# Complementary

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



6536959



16753763

# 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.



12041069



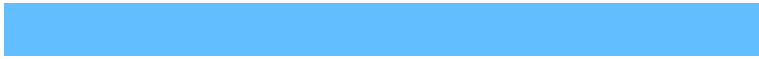
6536959



16097919

# Square

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



6536959



16161478



14397292



5949861

# Rectangle

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



6536959



13150449



14397292

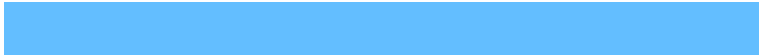


10207609

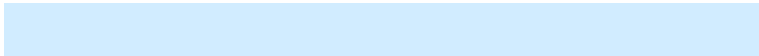


# Sweetspot

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



6536959



13757695



6553508



6517888



0



8421504



# Same Dimension

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



6536959



4567551



6516991



7568000



28863



9536



# Inverse Universe

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



16737214



16729521



16773731



8418170



12517488

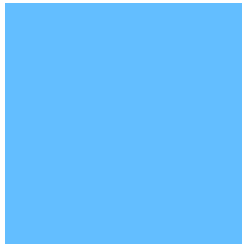


4194341



# Previews

## White Background



This preview shows how the Decimal color 6536959 looks on a white background.

## Color Contrast Check

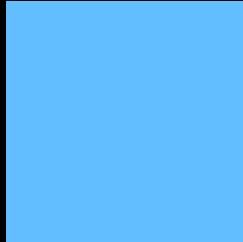
Large Text (above 18pt) WCAG AA × Fail

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 6536959 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

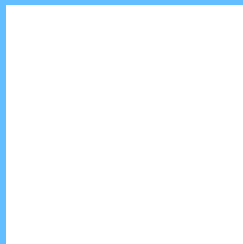
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6536959 Background



This preview shows how black text looks on a background with the Decimal color 6536959.



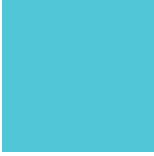
This preview shows how white text looks on a background with the Decimal color 6536959.

# 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



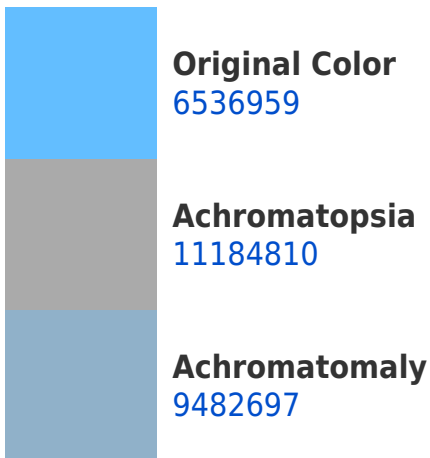


**Tritanopia**  
5293782

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6536959 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 #63BEFF looks like.

```
.text, #text, p{  
    color:#63BEFF  
}
```

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 #63BEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BEFF
}
```

## Border

The CSS property to change the border of an element to Decimal 6536959 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
#63BEFF }
```

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

```
.border{ border-color:#63BEFF }
```

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

Here you see how a box with a 4 pixel #63BEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BEFF; -webkit-box-shadow:4px 4px  
4px 4px #63BEFF; box-shadow:4px 4px 4px  
4px #63BEFF }
```

# Background

The CSS property to change the background color of an element to Decimal 6536959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BEFF }
```

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

```
.background{ background-color:#63BEFF }
```

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