

# Converting Colors

Decimal(6339839)

Have a look what the booklet for  
Decimal(6339839) contains.

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# **Color**

**Decimal(6339839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60BCFF
RGB	96, 188, 255
RGB Percent	38%, 74%, 100%
CMY	0.6235, 0.2627, 0.0000
CMYK	0.62, 0.26, 0.00, 0.00
HSL	205°, 100%, 69%
HSV	205°, 62%, 100%
XYZ	40.8571, 45.6732, 101.2702
YIQ	168.1300, -76.3390, 1.3330

# Conversions

## Conversions Part 2

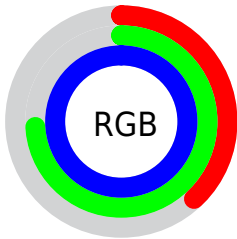
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 154, 255
Decimal	6339839
CIE Lab	73.33, -7.70, -41.20
CIE LCh	73, 41.917, 259.409
Yxy	45.6732, 0.2176, 0.2432
Android (android.graphics.Color)	4284529919 (0xFF60BCFF)
YUV	168.1300, 42.8269, -63.2580
Hunter-Lab	67.5820, -10.3552, -41.5374

# Details

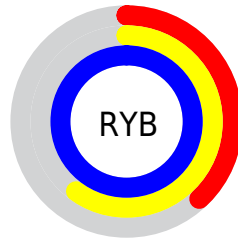
The Decimal color **6339839** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16753504**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **10482943**, and **34758** is the 20% darker color. If you saturate the color by 10%, you get **4698623**, and if you desaturate by 10%, it is **8046591**.

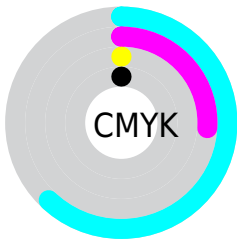
# Distribution



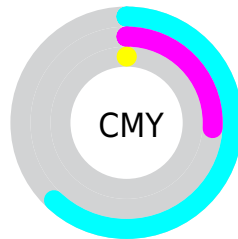
- Red (38%)
- Green (74%)
- Blue (100%)



- Red (38%)
- Yellow (60%)
- Blue (100%)



- Cyan (62%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6339839 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 6339839 by changing the saturation by 10% instead.



 6339839

 6339839

16777215

 3973602

 10482943

 34758

 12451839

 28330

 14483455

 22160

 16449535

 16246

 10589

 5445

 814

 280

■ 6339839

■ 6339839

■ 4698623

■ 8046591

■ 2992127

■ 9687551

■ 1350911

■ 11394303

■ 38143

■ 13035519

■ 14742271

■ 16383231

16777215

# Harmonies

## Analogous

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



50669



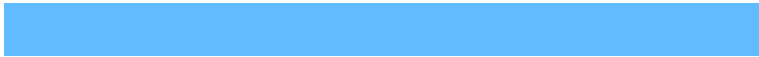
6339839



10792956

# Triad

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



6339839



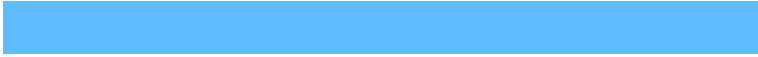
16750492



8962945

# Complementary

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



6339839



16753504

# 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.



11844202



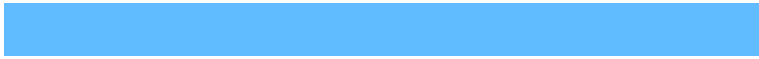
6339839



16031867

# Square

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



6339839



16160707



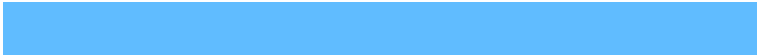
14265704



5490853

# Rectangle

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



6339839



13149936



14265704

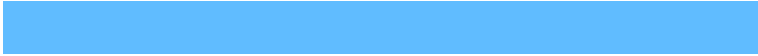


9945207

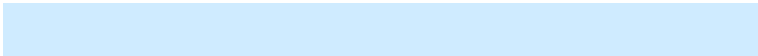


# Sweetspot

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



6339839



13626367



6356898



6452096



0



8421504



# Same Dimension

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



6339839



4239103



6319615



7568000



28607



9536



# Inverse Universe

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



16736444



16728238



16773728



8418170



12517487

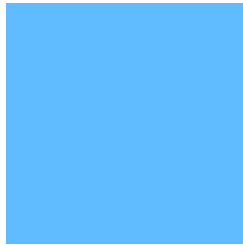


4194341



# Previews

## White Background



This preview shows how the Decimal color 6339839 looks on a white background.

## Color Contrast Check

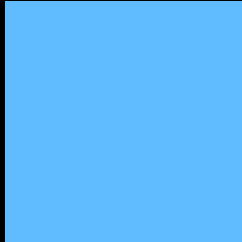
Large Text (above 18pt) WCAG AA × Fail

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 6339839 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

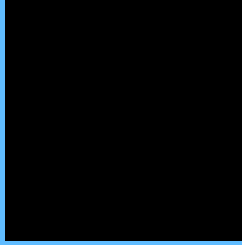
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

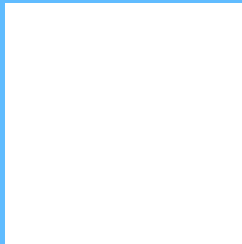
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6339839 Background



This preview shows how black text looks on a background with the Decimal color 6339839.



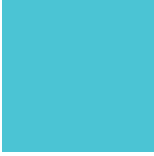
This preview shows how white text looks on a background with the Decimal color 6339839.

# 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**  
4965588

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6339839 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 #60BCFF looks like.

```
.text, #text, p{  
    color:#60BCFF  
}
```

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 #60BCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BCFF
}
```

## Border

The CSS property to change the border of an element to Decimal 6339839 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
#60BCFF }
```

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

```
.border{ border-color:#60BCFF }
```

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

Here you see how a box with a 4 pixel #60BCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BCFF; -webkit-box-shadow:4px 4px  
4px 4px #60BCFF; box-shadow:4px 4px 4px  
4px #60BCFF }
```

# Background

The CSS property to change the background color of an element to Decimal 6339839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BCFF }
```

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

```
.background{ background-color:#60BCFF }
```

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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