

Converting Colors

Decimal(3773937)

Have a look what the booklet for
Decimal(3773937) contains.

Decimal(3773937)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3773937)

Conversions

Conversions Part 1

Format	Color
Hex	3995F1
RGB	57, 149, 241
RGB Percent	22%, 58%, 95%
CMY	0.7765, 0.4157, 0.0549
CMYK	0.76, 0.38, 0.00, 0.05
HSL	210°, 87%, 58%
HSV	210°, 76%, 95%
XYZ	28.3120, 28.7156, 87.2696
YIQ	131.9800, -84.3640, 9.1080

Conversions

Conversions Part 2

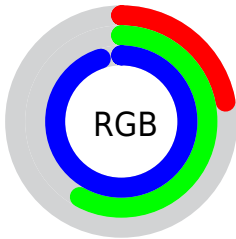
Format	Color
R_{YB}	57, 118, 241
Decimal	3773937
CIE _{Lab}	60.53, 4.05, -53.83
CIE _{LCh}	61, 53.984, 274.307
Yxy	28.7156, 0.1962, 0.1990
Android (android.graphics.Color)	4281964017 (0xFF3995F1)
YUV	131.9800, 53.7469, -65.7575
Hunter-Lab	53.5870, 0.5310, -59.0464

Details

The Decimal color **3773937** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **15832377**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **8440831**, and **25528** is the 20% darker color. If you saturate the color by 10%, you get **2198001**, and if you desaturate by 10%, it is **5349873**.

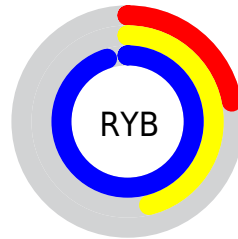
Distribution



Red (22%)

Green (58%)

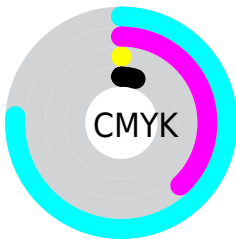
Blue (95%)



Red (22%)

Yellow (46%)

Blue (95%)

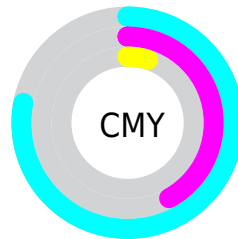


Cyan (76%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (78%)


















Magenta (42%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3773937 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 3773937 by changing the saturation by 10% instead.

 3773937	 3773937
 16777215	 31700
 8440831	 25528
 10545151	 19613
 12582911	 13954
 14548991	 8809
 16646143	 2384
	 1336
	 546
	 7

■ 3773937

■ 3773937

■ 2198001

■ 5349873

■ 622065

■ 6925809

■ 30961

■ 8501745

■ 10077681

■ 11653617

■ 13295089

■ 14871025

■ 16446961

■ 16777201

Harmonies

Analogous

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



41703



3773937



10322913

Triad

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



3773937



15036255



2598503

Complementary

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



3773937



15832377

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.



7642942



3773937



13402171

Square

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



3773937



15230861



10850859



43416

Rectangle

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



3773937



12809674



10850859



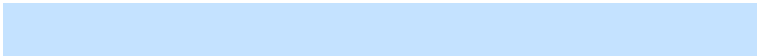
4826200

Sweetspot

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



3773937



12903167



3797397



6057600



0



8421504

Same Dimension

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



3773937



1346303



3750385



7107192



23736



7224

Inverse Universe

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



15808917



16716938



15855929



7892082



12058716



3670044

Previews

White Background



This preview shows how the Decimal color 3773937 looks on a white background.

Color Contrast Check

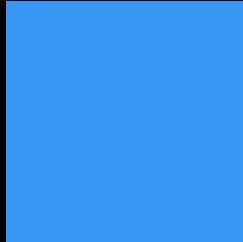
Large Text (above 18pt) WCAG AA ✓ Pass

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 3773937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

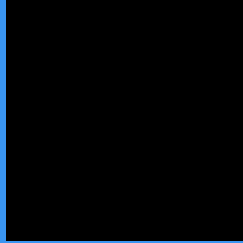
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

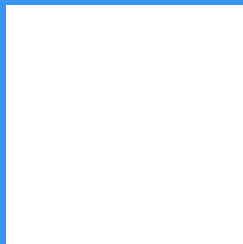
Any Text WCAG AAA × Fail

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

Decimal 3773937 Background



This preview shows how black text looks on a background with the Decimal color 3773937.



This preview shows how white text looks on a background with the Decimal color 3773937.

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
41389

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3773937 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 #3995F1 looks like.

```
.text, #text, p{  
    color:#3995F1  
}
```

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 #3995F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3995F1
}
```

Border

The CSS property to change the border of an element to Decimal 3773937 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
#3995F1 }
```

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

```
.border{ border-color:#3995F1 }
```

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

Here you see how a box with a 4 pixel #3995F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3995F1; -webkit-box-shadow:4px 4px  
4px 4px #3995F1; box-shadow:4px 4px 4px  
4px #3995F1 }
```

Background

The CSS property to change the background color of an element to Decimal 3773937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3995F1 }
```

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

```
.background{ background-color:#3995F1 }
```

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