

Converting Colors

Decimal(3776236)

Have a look what the booklet for
Decimal(3776236) contains.

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Color

Decimal(3776236)

Conversions

Conversions Part 1

Format	Color
Hex	399EEC
RGB	57, 158, 236
RGB Percent	22%, 62%, 93%
CMY	0.7765, 0.3804, 0.0745
CMYK	0.76, 0.33, 0.00, 0.07
HSL	206°, 82%, 57%
HSV	206°, 76%, 93%
XYZ	29.0545, 31.3797, 83.8824
YIQ	136.6930, -85.2340, 2.8460

Conversions

Conversions Part 2

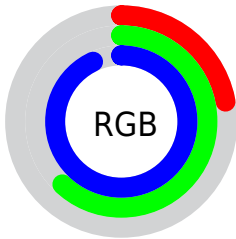
Format	Color
RYB	57, 122, 236
Decimal	3776236
CIELab	62.83, -2.95, -47.44
CIELCh	63, 47.528, 266.438
Yxy	31.3797, 0.2013, 0.2174
Android (android.graphics.Color)	4281966316 (0xFF399EEC)
YUV	136.6930, 48.9584, -69.8908
Hunter-Lab	56.0176, -5.4486, -49.5703

Details

The Decimal color **3776236** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **15501113**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **8377599**, and **27572** is the 20% darker color. If you saturate the color by 10%, you get **2200812**, and if you desaturate by 10%, it is **5351660**.

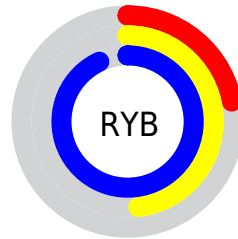
Distribution



Red (22%)

Green (62%)

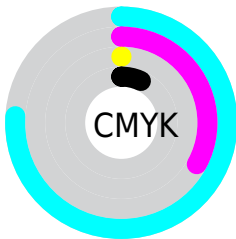
Blue (93%)



Red (22%)

Yellow (48%)

Blue (93%)

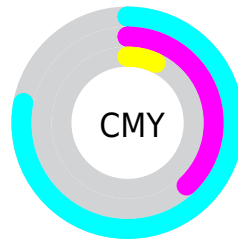


Cyan (76%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (78%)

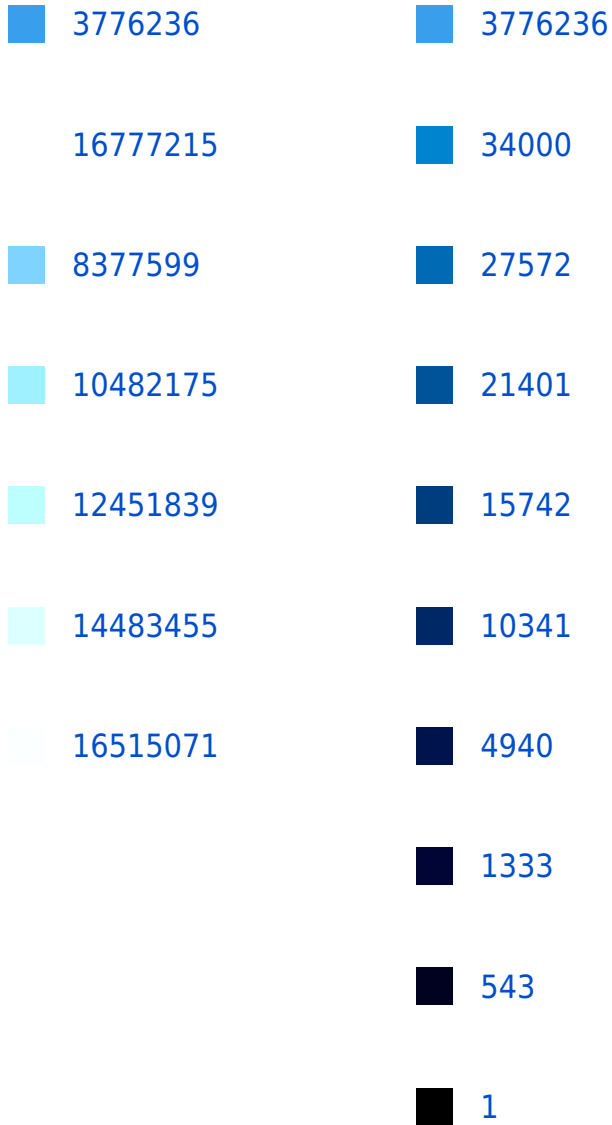
Magenta (38%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3776236 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 3776236 by changing the saturation by 10% instead.



■ 3776236

■ 3776236

■ 2200812

■ 5351660

■ 690668

■ 6861804

■ 34284

■ 8437228

■ 9947116

■ 11522540

■ 13098220

■ 14608108

■ 16183532

■ 16776172

Harmonies

Analogous

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



43230



3776236



9670628

Triad

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



3776236



15103861



5744999

Complementary

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



3776236



1550113

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.



9150793



3776236



13993042

Square

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



3776236



14906527



11899969



44433

Rectangle

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



3776236



12158163



11899969



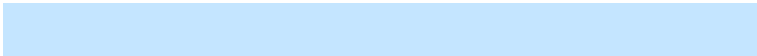
6989660

Sweetspot

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



3776236



12903935



3796103



6058112



0



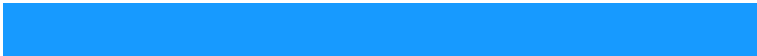
8421504

Same Dimension

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



3776236



1547007



3753452



6975605



26293



7734

Inverse Universe

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



15481246



16717722



15523897



7694960



11862118



3538974

Previews

White Background



This preview shows how the Decimal color 3776236 looks on a white background.

Color Contrast Check

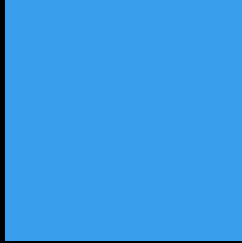
Large Text (above 18pt) WCAG AA × Fail

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 3776236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

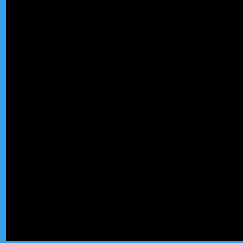
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

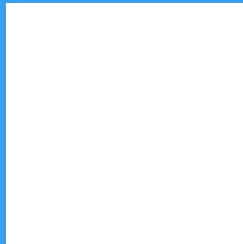
Any Text WCAG AAA ✓ Pass

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

Decimal 3776236 Background



This preview shows how black text looks on a background with the Decimal color 3776236.

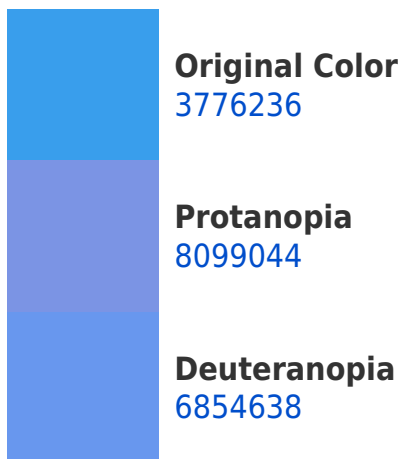


This preview shows how white text looks on a background with the Decimal color 3776236.

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](#).

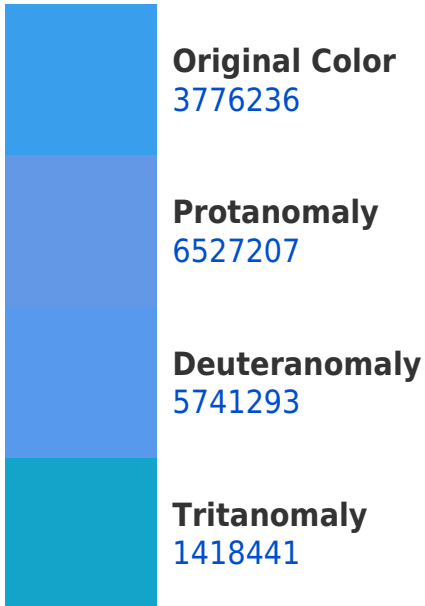
Dichromacy





Tritanopia
43189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3776236 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 #399EEC looks like.

```
.text, #text, p{  
  color:#399EEC  
}
```

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 #399EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399EEC
}
```

Border

The CSS property to change the border of an element to Decimal 3776236 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
#399EEC }
```

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

```
.border{ border-color:#399EEC }
```

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

Here you see how a box with a 4 pixel #399EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399EEC; -webkit-box-shadow:4px 4px  
4px 4px #399EEC; box-shadow:4px 4px 4px  
4px #399EEC }
```

Background

The CSS property to change the background color of an element to Decimal 3776236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399EEC }
```

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

```
.background{ background-color:#399EEC }
```

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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