

Converting Colors

Decimal(3759606)

Have a look what the booklet for
Decimal(3759606) contains.

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Color

Decimal(3759606)

Conversions

Conversions Part 1

Format	Color
Hex	395DF6
RGB	57, 93, 246
RGB Percent	22%, 36%, 96%
CMY	0.7765, 0.6353, 0.0353
CMYK	0.77, 0.62, 0.00, 0.04
HSL	229°, 91%, 59%
HSV	229°, 77%, 96%
XYZ	22.2362, 15.3524, 88.9801
YIQ	99.6780, -70.5690, 39.9510

Conversions

Conversions Part 2

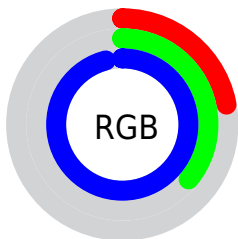
Format	Color
RYB	57, 87, 246
Decimal	3759606
CIELab	46.11, 40.36, -79.89
CIElCh	46, 89.510, 296.802
Yxy	15.3524, 0.1757, 0.1213
Android (android.graphics.Color)	4281949686 (0xFF395DF6)
YUV	99.6780, 72.1367, -37.4286
Hunter-Lab	39.1821, 32.7319, -107.2164

Details

The Decimal color **3759606** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **16175673**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8622079**, and **12476** is the 20% darker color. If you saturate the color by 10%, you get **2116086**, and if you desaturate by 10%, it is **5403126**.

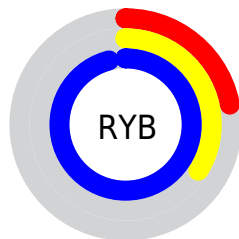
Distribution



Red (22%)

Green (36%)

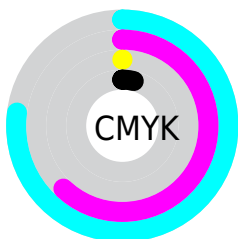
Blue (96%)



Red (22%)

Yellow (34%)

Blue (96%)

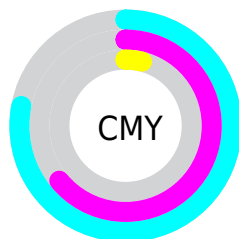


Cyan (77%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (78%)

Magenta (64%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3759606 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 3759606 by changing the saturation by 10% instead.

■ 3759606

■ 3759606

16777215

■ 18137

■ 8622079

■ 12476

■ 10791679

■ 7329

■ 12830207

■ 3205

■ 14934527

■ 363

■ 16776703

■ 2898

■ 1338

■ 547

■ 10

■ 3759606

■ 3759606

■ 2116086

■ 5403126

■ 538102

■ 6981110

■ 12278

■ 8624630

■ 10202614

■ 11846134

■ 13489398

■ 15067382

■ 16710902

■ 16777206

Harmonies

Analogous

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



31743



3759606



12263105

Triad

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



3759606



12796416



35427

Complementary

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



3759606



16175673

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.



34048



3759606



9201664

Square

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



3759606



14942256



4291584



35760

Rectangle

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



3759606



14483602



4291584



35144

Sweetspot

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



3759606



12898559



3798736



6054784



0



8421504

Same Dimension

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



3759606



1327615



7485942



7237754



9146



2875

Inverse Universe

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



16136541



16716865



12449337



8023664



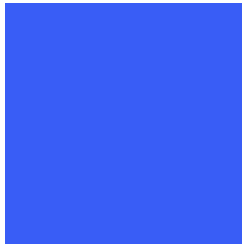
12189731



3866635

Previews

White Background



This preview shows how the Decimal color 3759606 looks on a white background.

Color Contrast Check

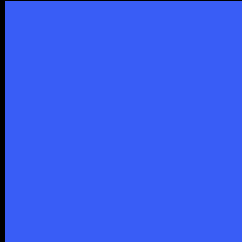
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 3759606 looks on a black 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

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

Decimal 3759606 Background



This preview shows how black text looks on a background with the Decimal color 3759606.

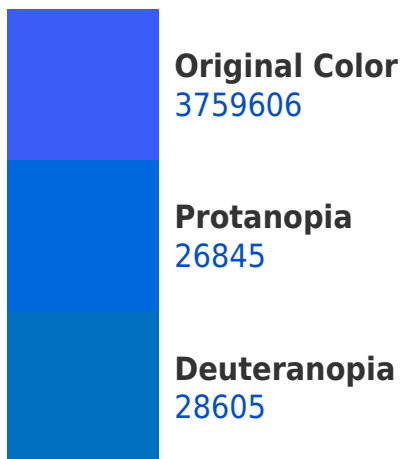


This preview shows how white text looks on a background with the Decimal color 3759606.

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



Trichromacy



Original Color
3759606

Protanomaly
1402086

Deuteranomaly
1403090

Monochromacy



Original Color
3759606

Achromatopsia
6579300

Achromatomaly
5530009

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3759606 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 #395DF6 looks like.

```
.text, #text, p{  
    color:#395DF6  
}
```

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 #395DF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395DF6
}
```

Border

The CSS property to change the border of an element to Decimal 3759606 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
#395DF6 }
```

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

```
.border{ border-color:#395DF6 }
```

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

Here you see how a box with a 4 pixel #395DF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395DF6; -webkit-box-shadow:4px 4px  
4px 4px #395DF6; box-shadow:4px 4px 4px  
4px #395DF6 }
```

Background

The CSS property to change the background color of an element to Decimal 3759606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395DF6 }
```

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

```
.background{ background-color:#395DF6 }
```

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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