

Converting Colors

Decimal(599767)

Have a look what the booklet for
Decimal(599767) contains.

Decimal(599767)	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(599767)

Conversions

Conversions Part 1

Format	Color
Hex	0926D7
RGB	9, 38, 215
RGB Percent	4%, 15%, 84%
CMY	0.9647, 0.8510, 0.1569
CMYK	0.96, 0.82, 0.00, 0.16
HSL	232°, 92%, 44%
HSV	232°, 96%, 84%
XYZ	13.0715, 6.3506, 64.8268
YIQ	49.5070, -74.1010, 48.8990

Conversions

Conversions Part 2

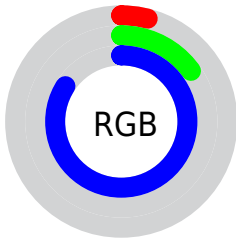
Format	Color
RYB	9, 34, 215
Decimal	599767
CIELab	30.28, 58.60, -88.46
CIELCh	30, 106.110, 303.524
Yxy	6.3506, 0.1552, 0.0754
Android (android.graphics.Color)	4278789847 (0xFF0926D7)
YUV	49.5070, 81.5880, -35.5246
Hunter-Lab	25.2004, 48.4877, -134.8804

Details

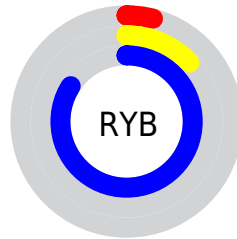
The Decimal color **599767** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **14137865**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **7165951**, and **158** is the 20% darker color. If you saturate the color by 10%, you get **7895**, and if you desaturate by 10%, it is **1980631**.

Distribution



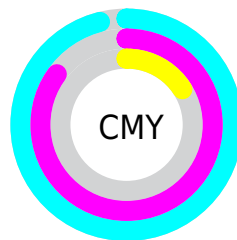
- Red (4%)
- Green (15%)
- Blue (84%)



- Red (4%)
- Yellow (13%)
- Blue (84%)



- Cyan (96%)
- Magenta (82%)
- Yellow (0%)
- Black (16%)






















- Cyan (96%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 599767 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 599767 by changing the saturation by 10% instead.

 599767	 599767
 16777215	 3258
 7165951	 158
 9400831	 131
 11504639	 1385
 13543167	 2640
 15647487	 1336
 16768767	 545
 16776191	 7
	 0

■ 599767

■ 599767

■ 7895

■ 1980631

■ 3427287

■ 4873687

■ 6254807

■ 7701207

■ 9082327

■ 10528727

■ 11909847

■ 13356247

Harmonies

Analogous

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



22005



599767



11010195

Triad

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



599767



9377536



24656

Complementary

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



599767



14137865

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.



24064



599767



5261568

Square

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



599767



12189696



22528



25508

Rectangle

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



599767



12779613



22528



24370

Sweetspot

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



599767



11911167



645048



5462400



0



8421504

Same Dimension

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



599767



9471



5310935



6316651



6315



1579

Inverse Universe

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



14092582



16711716



9426697



7037026



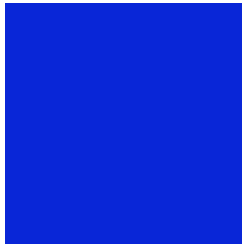
11206680



2818054

Previews

White Background



This preview shows how the Decimal color 599767 looks on a white background.

Color Contrast Check

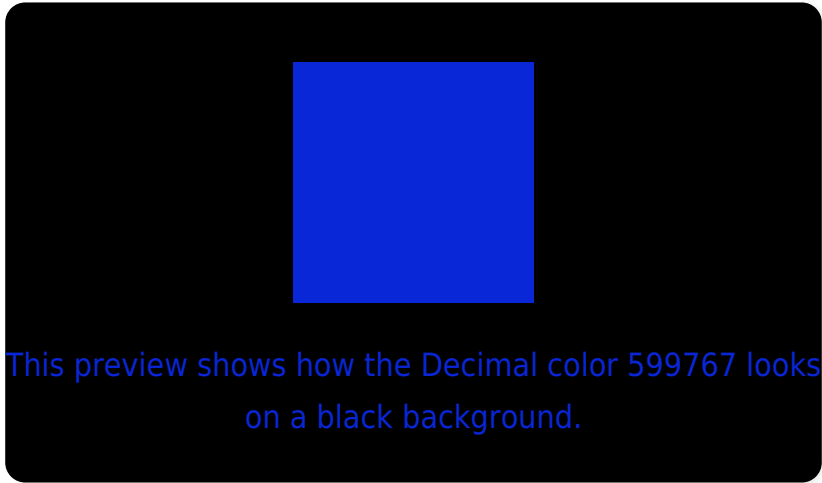
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

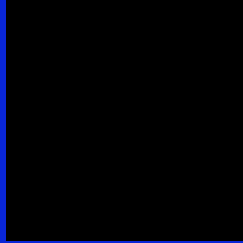
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 599767 Background



This preview shows how black text looks on a background with the Decimal color 599767.

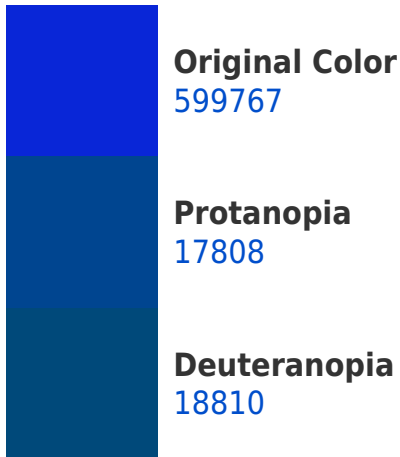


This preview shows how white text looks on a background with the Decimal color 599767.

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
599767

Protanomaly
211626

Deuteranomaly
212124

Tritanomaly
213123

Monochromacy



Original Color
599767

Achromatopsia
3289650

Achromatomaly
2305646

CSS Examples

Text

The CSS property to change the color of the text to Decimal 599767 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 #0926D7 looks like.

```
.text, #text, p{  
    color:#0926D7  
}
```

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 #0926D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0926D7
}
```

Border

The CSS property to change the border of an element to Decimal 599767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

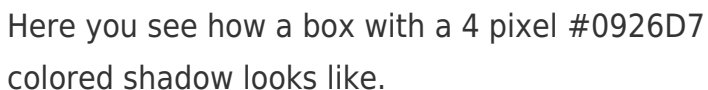
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0926D7 }
```

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

```
.border{ border-color:#0926D7 }
```

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



Here you see how a box with a 4 pixel #0926D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0926D7; -webkit-box-shadow:4px 4px  
4px 4px #0926D7; box-shadow:4px 4px 4px  
4px #0926D7 }
```

Background

The CSS property to change the background color of an element to Decimal 599767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0926D7 }
```

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

```
.background{ background-color:#0926D7 }
```

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