

# Converting Colors

Decimal(25599)

Have a look what the booklet for  
Decimal(25599) contains.

<b>Decimal(25599)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	26

# Color

**Decimal(25599)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0063FF
RGB	0, 99, 255
RGB Percent	0%, 39%, 100%
CMY	1.0000, 0.6118, 0.0000
CMYK	1.00, 0.61, 0.00, 0.00
HSL	217°, 100%, 50%
HSV	217°, 100%, 100%
XYZ	22.5118, 16.1437, 96.5373
YIQ	87.1830, -109.0800, 27.5280

# Conversions

## Conversions Part 2

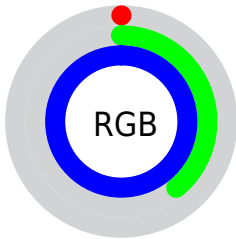
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 255
Decimal	25599
CIELab	47.16, 37.11, -83.24
CIELCh	47, 91.131, 294.027
Yxy	16.1437, 0.1665, 0.1194
Android (android.graphics.Color)	4278215679 (0xFF0063FF)
YUV	87.1830, 82.7338, -76.4595
Hunter-Lab	40.1792, 29.6974, -114.3288

# Details

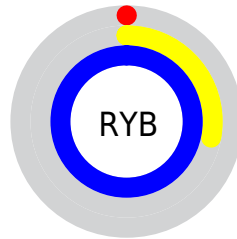
The Decimal color **25599** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **16751616**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **7509503**, and **14021** is the 20% darker color. If you saturate the color by 10%, you get **25599**, and if you desaturate by 10%, it is **1668095**.

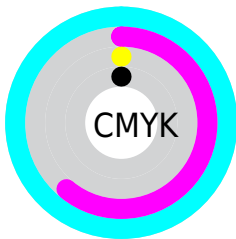
# Distribution



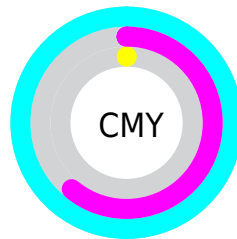
- Red (0%)
- Green (39%)
- Blue (100%)



- Red (0%)
- Yellow (28%)
- Blue (100%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



















- Cyan (100%)
- Magenta (61%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25599 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 25599 by changing the saturation by 10% instead.



 25599	 25599
16777215	 19682
 7509503	 14021
 9810175	 9129
 11979775	 5005
 14084095	 883
 16187391	 3417
	 1857
	 810
	 276

■ 25599

■ 1668095

■ 3375871

■ 5083903

■ 6726143

■ 8434175

■ 10076671

■ 11784447

■ 13426943

■ 15134719

# Harmonies

## Analogous

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



32767



25599



12069324

# Triad

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



25599



13385216



35934

# Complementary

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



25599



16751616

# 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.



34816



25599



9857024

# Square

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



25599



15401016



5012992



36525

# Rectangle

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



25599



14614684



5012992



35650



# Sweetspot

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



25599



11784447



65433



5399424



0



8421504



# Same Dimension

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



25599



1638655



7567488



19135



6464

# Inverse Universe

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



16711779



15138560



8418168



12517450



4194329

# Previews

## White Background



This preview shows how the Decimal color 25599 looks on a white background.

## Color Contrast Check

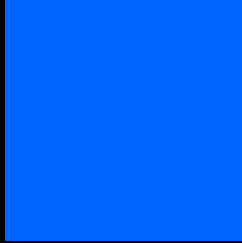
Large Text (above 18pt) WCAG AA ✓ Pass

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 25599 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

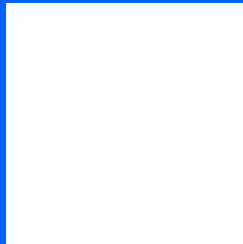
Any Text WCAG AAA × Fail

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

## Decimal 25599 Background



This preview shows how black text looks on a background with the Decimal color 25599.

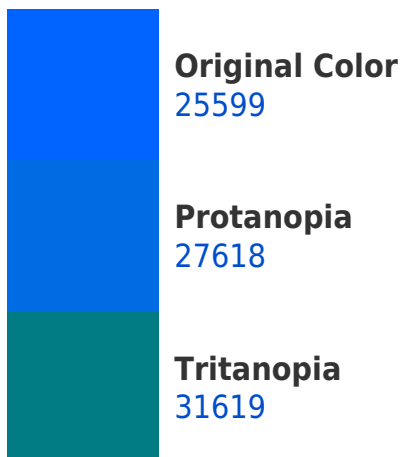


This preview shows how white text looks on a background with the Decimal color 25599.

# 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**  
25599

**Protanomaly**  
26861

**Tritanomaly**  
29360

# Monochromacy



**Original Color**  
25599

**Achromatopsia**  
5723991

**Achromatomaly**  
3627924

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25599 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 #0063FF looks like.

```
.text, #text, p{  
  color:#0063FF  
}
```

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 #0063FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0063FF
}
```

## Border

The CSS property to change the border of an element to Decimal 25599 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".

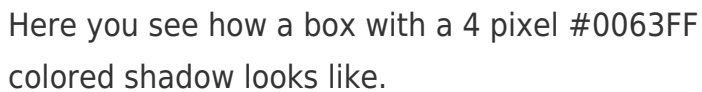
```
.border, #border, table{ border:4px solid
#0063FF }
```

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

```
.border{ border-color:#0063FF }
```

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

Here you see how a box with a 4 pixel #0063FF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0063FF; -webkit-box-shadow:4px 4px  
4px 4px #0063FF; box-shadow:4px 4px 4px  
4px #0063FF }
```

# Background

The CSS property to change the background color of an element to Decimal 25599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0063FF }
```

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

```
.background{ background-color:#0063FF }
```

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