

# Converting Colors

Decimal(3366399)

Have a look what the booklet for  
Decimal(3366399) contains.

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# Color

**Decimal(3366399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	335DFF
RGB	51, 93, 255
RGB Percent	20%, 36%, 100%
CMY	0.8000, 0.6353, 0.0000
CMYK	0.80, 0.64, 0.00, 0.00
HSL	228°, 100%, 60%
HSV	228°, 80%, 100%
XYZ	23.3296, 15.7525, 96.4187
YIQ	98.9100, -77.0340, 41.4780

# Conversions

## Conversions Part 2

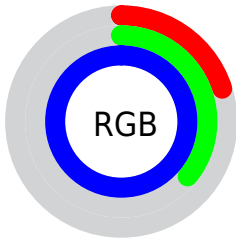
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 86, 255
Decimal	3366399
CIE <sub>Lab</sub>	46.65, 43.02, -84.04
CIE <sub>LCh</sub>	47, 94.416, 297.109
Yxy	15.7525, 0.1722, 0.1163
Android (android.graphics.Color)	4281556479 (0xFF335DFF)
YUV	98.9100, 76.9524, -42.0171
Hunter-Lab	39.6894, 35.4664, -116.2523

# Details

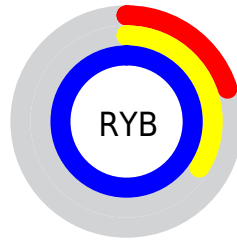
The Decimal color **3366399** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **16766259**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8556543**, and **12485** is the 20% darker color. If you saturate the color by 10%, you get **1657343**, and if you desaturate by 10%, it is **5075455**.

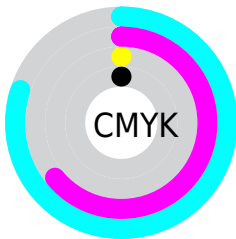
# Distribution



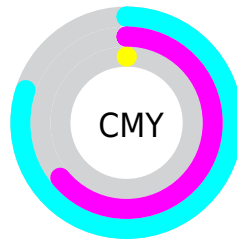
- Red (20%)
- Green (36%)
- Blue (100%)



- Red (20%)
- Yellow (34%)
- Blue (100%)



- Cyan (80%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3366399 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 3366399 by changing the saturation by 10% instead.



 3366399

 3366399

16777215

 18146

 8556543

 12485

 10726143

 7337

 12830207

 3213

 14934527

 115

 16776703

 3417

 1857

 810

 276

■ 3366399

■ 3366399

■ 1657343

■ 5075455

■ 13823

■ 6719231

■ 8428287

■ 10071807

■ 11780863

■ 13424639

■ 15133695

16777215

# Harmonies

## Analogous

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



32255



3366399



12652230

# Triad

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



3366399



13123584



35940

# Complementary

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



3366399



16766259

# 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



3366399



9332992

# Square

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



3366399



15401005



4029952



36278

# Rectangle

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



3366399



15007892



4029952



35656



# Sweetspot

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



3366399



12766975



3407827



5988992



0



8421504



# Same Dimension

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



3366399



671231



7156735



7566720



10175



3392



# Inverse Universe

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



16724829



16714301



12975923



8418165



12517415



4194317



# Previews

## White Background



This preview shows how the Decimal color 3366399 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 3366399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

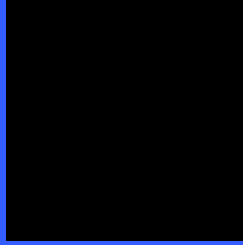
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3366399 Background



This preview shows how black text looks on a background with the Decimal color 3366399.



This preview shows how white text looks on a background with the Decimal color 3366399.

# 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**  
3366399

**Protanomaly**  
1271275

**Tritanomaly**  
1273775

# Monochromacy



**Original Color**  
3366399

**Achromatopsia**  
6513507

**Achromatomaly**  
5398940

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3366399 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 #335DFF looks like.

```
.text, #text, p{  
    color:#335DFF  
}
```

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 #335DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335DFF
}
```

## Border

The CSS property to change the border of an element to Decimal 3366399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

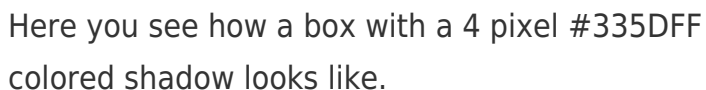
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#335DFF }
```

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

```
.border{ border-color:#335DFF }
```

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



Here you see how a box with a 4 pixel #335DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335DFF; -webkit-box-shadow:4px 4px  
4px 4px #335DFF; box-shadow:4px 4px 4px  
4px #335DFF }
```

# Background

The CSS property to change the background color of an element to Decimal 3366399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335DFF }
```

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

```
.background{ background-color:#335DFF }
```

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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