

Converting Colors

Decimal(1333759)

Have a look what the booklet for
Decimal(1333759) contains.

Decimal(1333759)	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(1333759)

Conversions

Conversions Part 1

Format	Color
Hex	1459FF
RGB	20, 89, 255
RGB Percent	8%, 35%, 100%
CMY	0.9216, 0.6510, 0.0000
CMYK	0.92, 0.65, 0.00, 0.00
HSL	222°, 100%, 54%
HSV	222°, 92%, 100%
XYZ	21.9109, 14.5135, 96.2543
YIQ	87.2930, -94.4100, 36.9980

Conversions

Conversions Part 2

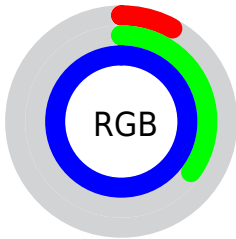
Format	Color
R_{YB}	20, 73, 255
Decimal	1333759
CIE _{Lab}	44.96, 43.82, -86.84
CIE _{LCh}	45, 97.272, 296.774
Yxy	14.5135, 0.1651, 0.1094
Android (android.graphics.Color)	4279523839 (0xFF1459FF)
YUV	87.2930, 82.6796, -59.0160
Hunter-Lab	38.0966, 35.9936, -123.1338

Details

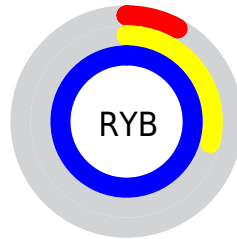
The Decimal color **1333759** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **16759316**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **7769087**, and **11717** is the 20% darker color. If you saturate the color by 10%, you get **19455**, and if you desaturate by 10%, it is **3042303**.

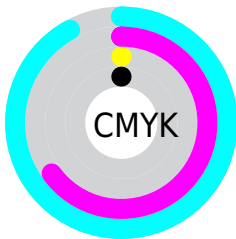
Distribution



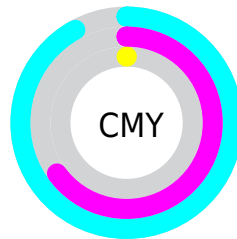
- Red (8%)
- Green (35%)
- Blue (100%)



- Red (8%)
- Yellow (29%)
- Blue (100%)



- Cyan (92%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1333759 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 1333759 by changing the saturation by 10% instead.

■ 1333759

■ 1333759

16777215

■ 17122

■ 7769087

■ 11717

■ 10069503

■ 6825

■ 12239103

■ 2701

■ 14343423

■ 1395

■ 16447743

■ 3417

■ 1856

■ 810

■ 276

■ 1333759

■ 1333759

■ 19455

■ 3042303

■ 4685311

■ 6393855

■ 8036863

■ 9679871

■ 11388415

■ 13096959

■ 14739967

■ 16448511

Harmonies

Analogous

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



31487



1333759



12386501

Triad

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



1333759



12859392



34911

Complementary

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



1333759



16759316

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.



33792



1333759



9069824

Square

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



1333759



15269928



3504640



35250

Rectangle

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



1333759



14811282



3504640



34626

Sweetspot

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



1333759



12111359



1376185



5529984



0



8421504

Same Dimension

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



1333759



19455



4396287



7566976



14527



4928

Inverse Universe

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



16716889



16711755



13696788



8418166



12517432



4194323

Previews

White Background



This preview shows how the Decimal color 1333759 looks on a white background.

Color Contrast Check

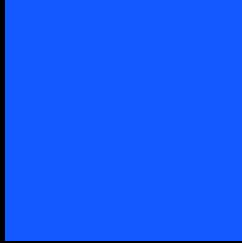
Large Text (above 18pt) WCAG AA ✓ Pass

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 1333759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

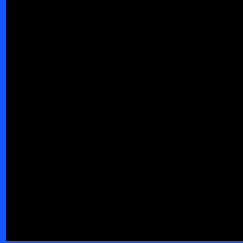
Any Text WCAG AA × Fail

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 1333759 Background



This preview shows how black text looks on a background with the Decimal color 1333759.



This preview shows how white text looks on a background with the Decimal color 1333759.

Color Blindness Simulation

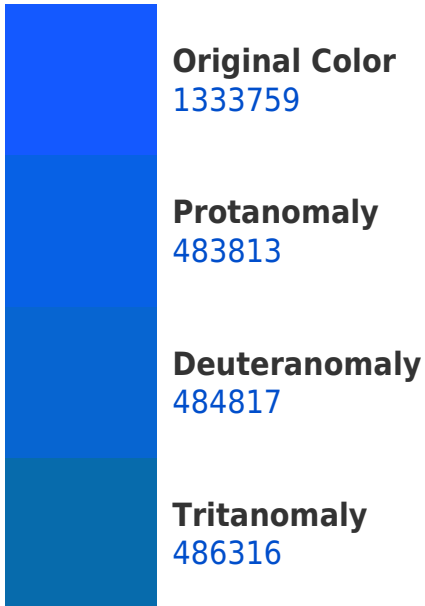
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1333759 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 #1459FF looks like.

```
.text, #text, p{  
    color:#1459FF  
}
```

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 #1459FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1459FF
}
```

Border

The CSS property to change the border of an element to Decimal 1333759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

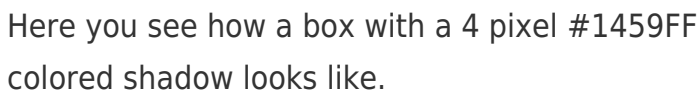
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1459FF }
```

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

```
.border{ border-color:#1459FF }
```

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



Here you see how a box with a 4 pixel #1459FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1459FF; -webkit-box-shadow:4px 4px  
4px 4px #1459FF; box-shadow:4px 4px 4px  
4px #1459FF }
```

Background

The CSS property to change the background color of an element to Decimal 1333759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1459FF }
```

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

```
.background{ background-color:#1459FF }
```

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