

# Converting Colors

Decimal(7549951)

Have a look what the booklet for  
Decimal(7549951) contains.

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**Color**

**Decimal(7549951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7333FF
RGB	115, 51, 255
RGB Percent	45%, 20%, 100%
CMY	0.5490, 0.8000, 0.0000
CMYK	0.55, 0.80, 0.00, 0.00
HSL	259°, 100%, 60%
HSV	259°, 80%, 100%
XYZ	26.3041, 13.2325, 95.7755
YIQ	93.3920, -27.3400, 77.0120

# Conversions

## Conversions Part 2

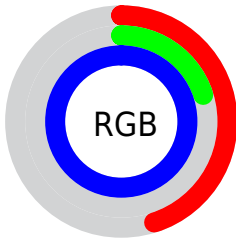
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 51, 255
Decimal	7549951
CIE Lab	43.11, 71.04, -89.71
CIE LCh	43, 114.436, 308.376
Yxy	13.2325, 0.1944, 0.0978
Android (android.graphics.Color)	4285740031 (0xFF7333FF)
YUV	93.3920, 79.6727, 18.9502
Hunter-Lab	36.3765, 65.4156, -130.6408

# Details

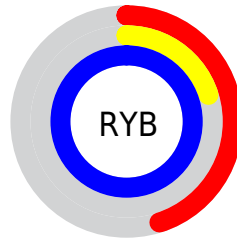
The Decimal color **7549951** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **12582707**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **11758335**, and **2293957** is the 20% darker color. If you saturate the color by 10%, you get **6363647**, and if you desaturate by 10%, it is **8670719**.

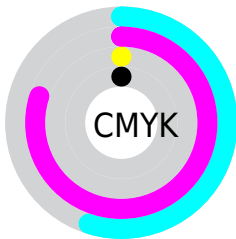
# Distribution



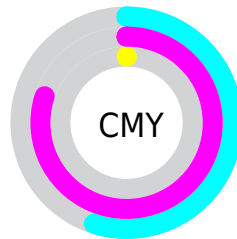
- Red (45%)
- Green (20%)
- Blue (100%)



- Red (45%)
- Yellow (20%)
- Blue (100%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7549951 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 7549951 by changing the saturation by 10% instead.




 7549951

 7549951

16777215

 5247458

 11758335

 2293957

 13862655

 168

 15901183

 141

 16760575

 114

 16767999

 3416

 16775423

 1856

 809

 275

■ 7549951

■ 7549951

■ 6363647

■ 8670719

■ 5243135

■ 9856767

■ 10977535

■ 12163583

■ 13349887

■ 14470399

■ 15656703

16777215

# Harmonies

## Analogous

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



28415



7549951



14745774

# Triad

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



7549951



11616768



34432

# Complementary

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



7549951



12582707

# 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.



33552



7549951



6646784

# Square

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



7549951



15138816



31744



35036

# Rectangle

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



7549951



16384112



31744



34142



# Sweetspot

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



7549951



14009087



3392255



6708096



0



8421504



# Same Dimension

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



7549951



5704447



14038015



7828352



3932351



1310784



# Inverse Universe

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



16724927



16714418



6094643



8418172



12517507

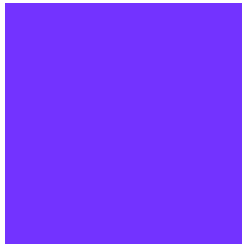


4194348



# Previews

## White Background



This preview shows how the Decimal color 7549951 looks on a white background.

## Color Contrast Check

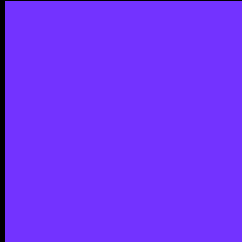
Large Text (above 18pt) WCAG AA ✓ Pass

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 7549951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

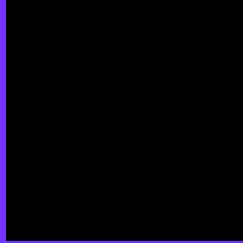
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7549951 Background



This preview shows how black text looks on a background with the Decimal color 7549951.

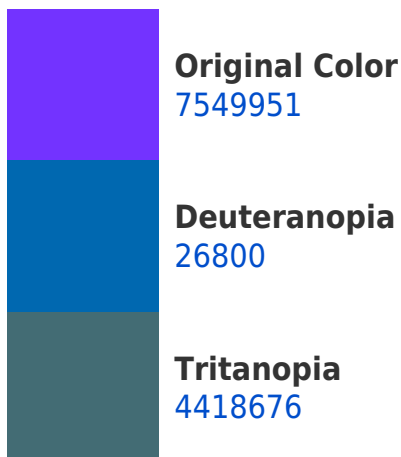


This preview shows how white text looks on a background with the Decimal color 7549951.

# 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**

7549951



**Deuteranomaly**

2774477



**Tritanomaly**

5527463

# Monochromacy



**Original Color**

7549951



**Achromatopsia**

6118749



**Achromatomaly**

6639256

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7549951 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 #7333FF looks like.

```
.text, #text, p{  
    color:#7333FF  
}
```

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 #7333FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7333FF
}
```

## Border

The CSS property to change the border of an element to Decimal 7549951 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".

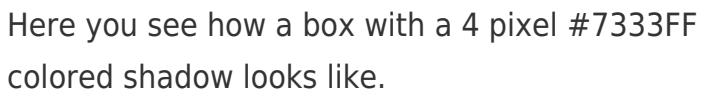
```
.border, #border, table{ border:4px solid
#7333FF }
```

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

```
.border{ border-color:#7333FF }
```

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

Here you see how a box with a 4 pixel #7333FF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7333FF; -webkit-box-shadow:4px 4px  
4px 4px #7333FF; box-shadow:4px 4px 4px  
4px #7333FF }
```

# Background

The CSS property to change the background color of an element to Decimal 7549951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7333FF }
```

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

```
.background{ background-color:#7333FF }
```

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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