

# Converting Colors

Decimal(7951357)

Have a look what the booklet for  
Decimal(7951357) contains.

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**Color**

**Decimal(7951357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7953FD
RGB	121, 83, 253
RGB Percent	47%, 33%, 99%
CMY	0.5255, 0.6745, 0.0078
CMYK	0.52, 0.67, 0.00, 0.01
HSL	253°, 98%, 66%
HSV	253°, 67%, 99%
XYZ	28.7080, 17.3433, 94.7630
YIQ	113.7420, -31.9220, 60.9260

# Conversions

## Conversions Part 2

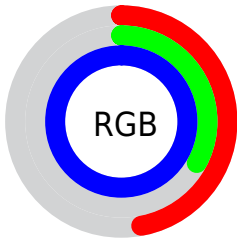
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	121, 83, 253
Decimal	7951357
CIE Lab	48.69, 56.64, -79.42
CIE LCh	49, 97.545, 305.496
Yxy	17.3433, 0.2039, 0.1232
Android (android.graphics.Color)	4286141437 (0xFF7953FD)
YUV	113.7420, 68.6542, 6.3653
Hunter-Lab	41.6453, 50.1691, -105.7615

# Details

The Decimal color **7951357** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **14155091**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **12027903**, and **3416259** is the 20% darker color. If you saturate the color by 10%, you get **6634237**, and if you desaturate by 10%, it is **9268477**.

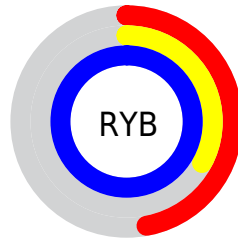
# Distribution



Red (47%)

Green (33%)

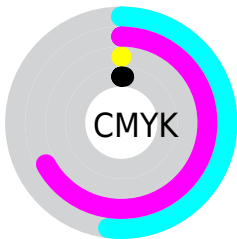
Blue (99%)



Red (47%)

Yellow (33%)

Blue (99%)

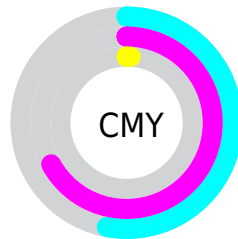


Cyan (52%)

Magenta (67%)

Yellow (0%)

Black (1%)



Cyan (53%)

Magenta (67%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7951357 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 7951357 by changing the saturation by 10% instead.



 7951357

 7951357

16777215

 5847776

 12027903

 3416259

 14000895

 935

 16039679

 140

 16767743

 113

 16775167

 1624

 1599

 808

 274

■ 7951357

■ 7951357

■ 6634237

■ 9268477

■ 5382397

■ 10520317

■ 4065277

■ 11837437

■ 3735805

■ 13154557

■ 14406397

■ 15723517

16777213

# Harmonies

## Analogous

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



31999



7951357



14418106

# Triad

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



7951357



12669696



37761

# Complementary

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



7951357



14155091

# 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.



36646



7951357



8418816

# Square

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



7951357



15597590



493568



37843

# Rectangle

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



7951357



16187524



493568



37476



# Sweetspot

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



7951357



14142719



5495037



6840704



0



8421504



# Same Dimension

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



7951357



6238463



13456381



7762816



2818239



917568



# Inverse Universe

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



16602071



16724177



8650067



8418173



12517525

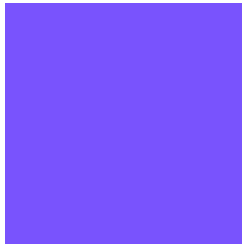


4194354



# Previews

## White Background



This preview shows how the Decimal color 7951357 looks on a white background.

## Color Contrast Check

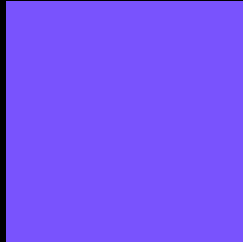
Large Text (above 18pt) WCAG AA ✓ Pass

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 7951357 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

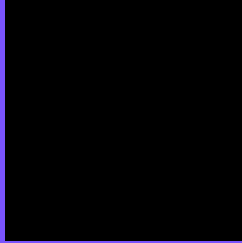
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7951357 Background



This preview shows how black text looks on a background with the Decimal color 7951357.



This preview shows how white text looks on a background with the Decimal color 7951357.

# 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

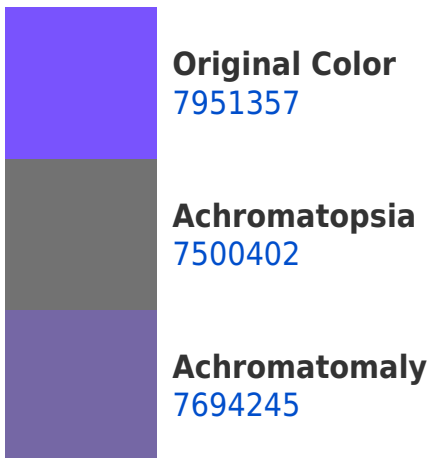




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7951357 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 #7953FD looks like.

```
.text, #text, p{  
    color:#7953FD  
}
```

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 #7953FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7953FD
}
```

## Border

The CSS property to change the border of an element to Decimal 7951357 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
#7953FD }
```

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

```
.border{ border-color:#7953FD }
```

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

Here you see how a box with a 4 pixel #7953FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7953FD; -webkit-box-shadow:4px 4px  
4px 4px #7953FD; box-shadow:4px 4px 4px  
4px #7953FD }
```

# Background

The CSS property to change the background color of an element to Decimal 7951357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7953FD }
```

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

```
.background{ background-color:#7953FD }
```

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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