

Converting Colors

Decimal(7953405)

Have a look what the booklet for
Decimal(7953405) contains.

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Color

Decimal(7953405)

Conversions

Conversions Part 1

Format	Color
Hex	795BFD
RGB	121, 91, 253
RGB Percent	47%, 36%, 99%
CMY	0.5255, 0.6431, 0.0078
CMYK	0.52, 0.64, 0.00, 0.01
HSL	251°, 98%, 67%
HSV	251°, 64%, 99%
XYZ	29.3559, 18.6390, 94.9790
YIQ	118.4380, -34.1220, 56.7420

Conversions

Conversions Part 2

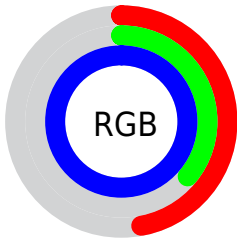
Format	Color
R_{YB}	121, 91, 253
Decimal	7953405
CIE _{Lab}	50.26, 52.37, -76.85
CIE _{LCh}	50, 92.996, 304.270
Yxy	18.6390, 0.2053, 0.1304
Android (android.graphics.Color)	4286143485 (0xFF795BFD)
YUV	118.4380, 66.3391, 2.2469
Hunter-Lab	43.1729, 45.8205, -100.2151

Details

The Decimal color **7953405** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **14679387**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **11964415**, and **3484355** is the 20% darker color. If you saturate the color by 10%, you get **6570749**, and if you desaturate by 10%, it is **9336061**.

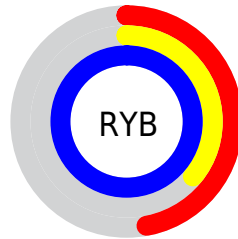
Distribution



Red (47%)

Green (36%)

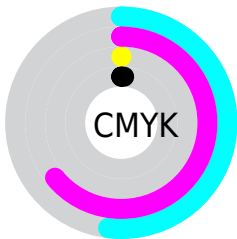
Blue (99%)



Red (47%)

Yellow (36%)

Blue (99%)

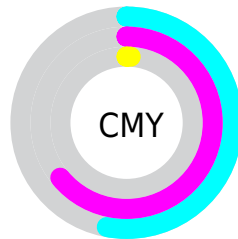


Cyan (52%)

Magenta (64%)

Yellow (0%)

Black (1%)



Cyan (53%)

Magenta (64%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7953405 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 7953405 by changing the saturation by 10% instead.

 7953405

 7953405

16777215

 5849824

 11964415

 3484355

 14002943

 4519

 16041727

 140

 16769791

 114

 1112

 1599

 808

 274

■ 7953405

■ 7953405

■ 6570749

■ 9336061

■ 5253373

■ 10653437

■ 3870717

■ 12036093

■ 3080445

■ 13353213

■ 14736125

■ 16118781

16777213

Harmonies

Analogous

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



33023



7953405



14287038

Triad

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



7953405



12998400



38529

Complementary

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



7953405



14679387

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.



37674



7953405



8943872

Square

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



7953405



15728674



2788096



38864

Rectangle

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



7953405



16121994



2788096



38501

Sweetspot

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



7953405



14209023



6021117



6840960



0



8421504

Same Dimension

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



7953405



6241279



13261821



7697280



2293951



786496

Inverse Universe

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



16604127



16727003



9370971



8418173



12517532



4194356

Previews

White Background



This preview shows how the Decimal color 7953405 looks on a white background.

Color Contrast Check

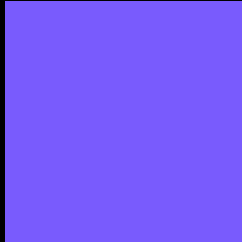
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7953405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

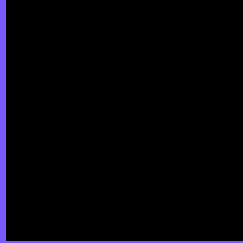
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 7953405 Background



This preview shows how black text looks on a background with the Decimal color 7953405.

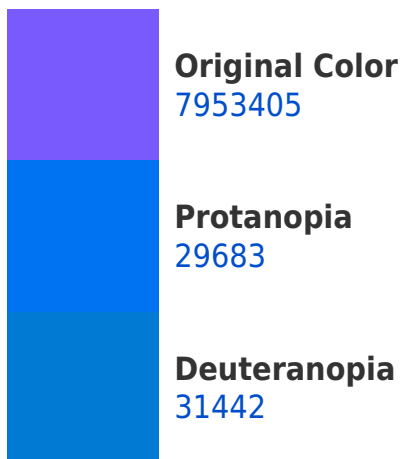



This preview shows how white text looks on a background with the Decimal color 7953405.

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





Tritanopia
5537416

Trichromacy



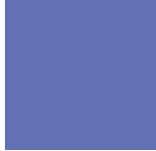
Original Color
7953405



Protanomaly
2910967



Deuteranomaly
2912226



Tritanomaly
6386099

Monochromacy



Original Color
7953405



Achromatopsia
7763574



Achromatomaly
7826599

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7953405 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 #795BFD looks like.

```
.text, #text, p{  
    color:#795BFD  
}
```

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 #795BFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795BFD
}
```

Border

The CSS property to change the border of an element to Decimal 7953405 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
#795BFD }
```

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

```
.border{ border-color:#795BFD }
```

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

Here you see how a box with a 4 pixel #795BFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795BFD; -webkit-box-shadow:4px 4px  
4px 4px #795BFD; box-shadow:4px 4px 4px  
4px #795BFD }
```

Background

The CSS property to change the background color of an element to Decimal 7953405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795BFD }
```

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

```
.background{ background-color:#795BFD }
```

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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