

Converting Colors

Decimal(7820786)

Have a look what the booklet for
Decimal(7820786) contains.

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Color

Decimal(7820786)

Conversions

Conversions Part 1

Format	Color
Hex	7755F2
RGB	119, 85, 242
RGB Percent	47%, 33%, 95%
CMY	0.5333, 0.6667, 0.0510
CMYK	0.51, 0.65, 0.00, 0.05
HSL	253°, 86%, 64%
HSV	253°, 65%, 95%
XYZ	26.8833, 16.8297, 85.8360
YIQ	113.0640, -30.1330, 56.0350

Conversions

Conversions Part 2

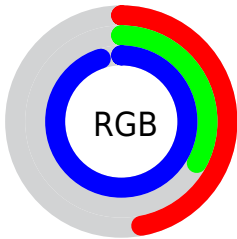
Format	Color
R _Y B	119, 85, 242
Decimal	7820786
CIE Lab	48.04, 52.15, -74.33
CIE LCh	48, 90.806, 305.054
Yxy	16.8297, 0.2075, 0.1299
Android (android.graphics.Color)	4286010866 (0xFF7755F2)
YUV	113.0640, 63.5654, 5.2059
Hunter-Lab	41.0241, 45.1797, -95.3375

Details

The Decimal color **7820786** 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 **13693525**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **11831807**, and **3417273** is the 20% darker color. If you saturate the color by 10%, you get **6569458**, and if you desaturate by 10%, it is **9072114**.

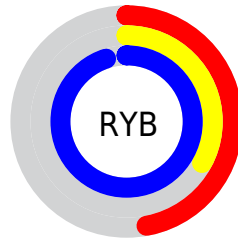
Distribution



Red (47%)

Green (33%)

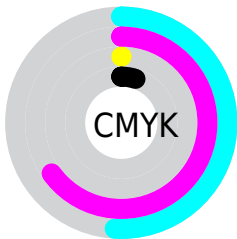
Blue (95%)



Red (47%)

Yellow (33%)

Blue (95%)

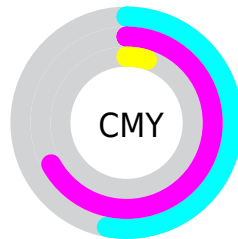


Cyan (51%)

Magenta (65%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (67%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7820786 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 7820786 by changing the saturation by 10% instead.

 7820786

 7820786

16777215

 5782741

 11831807

 3417273

 13804543

 2461

 15777791

 130

 16767999

 104

 16775423

 2639

 1335

 544

 5

■ 7820786

■ 7820786

■ 6569458

■ 9072114

■ 5318130

■ 10323442

■ 4066546

■ 11575026

■ 3408114

■ 12826354

■ 14077682

■ 15329010

■ 16580338

■ 16777202

Harmonies

Analogous

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



31231



7820786



13828276

Triad

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



7820786



12407552



36990

Complementary

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



7820786



13693525

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.



35882



7820786



8418304

Square

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



7820786



15073309



2196736



37065

Rectangle

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



7820786



15466626



2196736



36707

Sweetspot

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



7820786



14274559



5624818



6906496



0



8421504

Same Dimension

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



7820786



6502655



12801522



7236728



2621624



786488

Inverse Universe

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



15881680



16726228



8712789



7892085



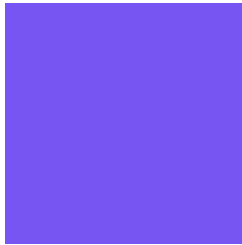
12058768



3670060

Previews

White Background



This preview shows how the Decimal color 7820786 looks on a white background.

Color Contrast Check

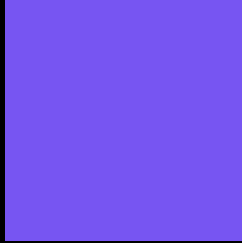
Large Text (above 18pt) WCAG AA ✓ Pass

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 7820786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

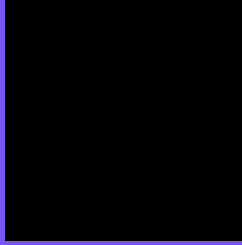
Any Text WCAG AA × Fail

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 7820786 Background



This preview shows how black text looks on a background with the Decimal color 7820786.



This preview shows how white text looks on a background with the Decimal color 7820786.

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



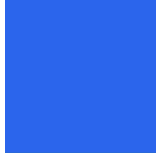


Tritanopia
5601153

Trichromacy



Original Color
7820786



Protanomaly
2844140



Deuteranomaly
2845144



Tritanomaly
6384554

Monochromacy



Original Color
7820786



Achromatopsia
7434609



Achromatomaly
7563168

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7820786 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 #7755F2 looks like.

```
.text, #text, p{  
    color:#7755F2  
}
```

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 #7755F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7755F2
}
```

Border

The CSS property to change the border of an element to Decimal 7820786 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
#7755F2 }
```

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

```
.border{ border-color:#7755F2 }
```

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

Here you see how a box with a 4 pixel #7755F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7755F2; -webkit-box-shadow:4px 4px  
4px 4px #7755F2; box-shadow:4px 4px 4px  
4px #7755F2 }
```

Background

The CSS property to change the background color of an element to Decimal 7820786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7755F2 }
```

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

```
.background{ background-color:#7755F2 }
```

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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