

Converting Colors

Decimal(7888596)

Have a look what the booklet for
Decimal(7888596) contains.

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Color

Decimal(7888596)

Conversions

Conversions Part 1

Format	Color
Hex	785ED4
RGB	120, 94, 212
RGB Percent	47%, 37%, 83%
CMY	0.5294, 0.6314, 0.1686
CMYK	0.43, 0.56, 0.00, 0.17
HSL	253°, 58%, 60%
HSV	253°, 56%, 83%
XYZ	23.6321, 16.7519, 64.2753
YIQ	115.2260, -22.3820, 42.2100

Conversions

Conversions Part 2

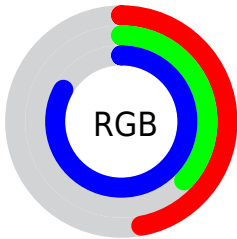
Format	Color
R _Y B	120, 94, 212
Decimal	7888596
CIE Lab	47.95, 38.78, -57.52
CIE LCh	48, 69.372, 303.985
Yxy	16.7519, 0.2258, 0.1601
Android (android.graphics.Color)	4286078676 (0xFF785ED4)
YUV	115.2260, 47.7096, 4.1868
Hunter-Lab	40.9291, 31.4382, -64.4588

Details

The Decimal color **7888596** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **12244062**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11637247**, and **4075164** is the 20% darker color. If you saturate the color by 10%, you get **6769108**, and if you desaturate by 10%, it is **9008084**.

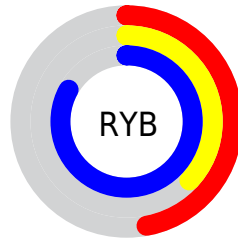
Distribution



Red (47%)

Green (37%)

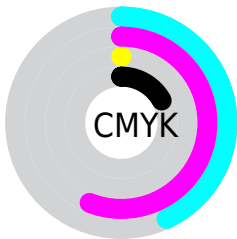
Blue (83%)



Red (47%)

Yellow (37%)

Blue (83%)

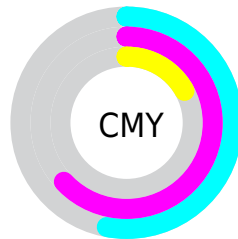


Cyan (43%)

Magenta (56%)

Yellow (0%)

Black (17%)



Cyan (53%)

Magenta (63%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7888596 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 7888596 by changing the saturation by 10% instead.

■ 7888596

■ 7888596

16777215

■ 6047416

■ 11637247

■ 4075164

■ 13544703

■ 1841282

■ 15517951

■ 872

■ 16770303

■ 79

■ 1335

■ 545

■ 5

■ 0

■ 7888596

■ 7888596

■ 6769108

■ 9008084

■ 5715156

■ 10062036

■ 4595412

■ 11181780

■ 3541460

■ 12235732

■ 3080404

■ 13355220

■ 14409172

■ 15528660

■ 16580564

■ 16777172

Harmonies

Analogous

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



30696



7888596



12336294

Triad

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



7888596



11623168



35704

Complementary

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



7888596



12244062

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.



34875



7888596



8614400

Square

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



7888596



13646644



4554752



35762

Rectangle

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



7888596



13707648



4554752



35428

Sweetspot

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



7888596



14537983



6208212



7104128



0



8421504

Same Dimension

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



7888596



8017151



11755220



6512747



2490539



655403

Inverse Universe

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



13917882



16733401



8377438



7037033



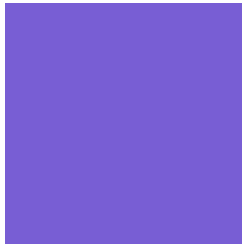
11206789



2818082

Previews

White Background



This preview shows how the Decimal color 7888596 looks on a white background.

Color Contrast Check

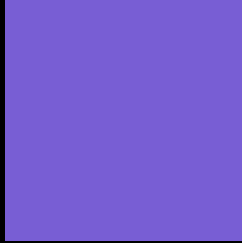
Large Text (above 18pt) WCAG AA ✓ Pass

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 7888596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

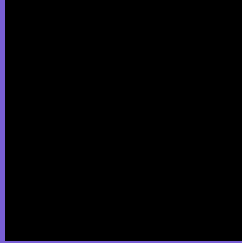
Any Text WCAG AA × Fail

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 7888596 Background



This preview shows how black text looks on a background with the Decimal color 7888596.



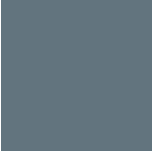
This preview shows how white text looks on a background with the Decimal color 7888596.

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
6452350

Trichromacy



Original Color

7888596



Protanomaly

4155615



Deuteranomaly

2911440



Tritanomaly

6974621

Monochromacy



Original Color

7888596



Achromatopsia

7566195



Achromatomaly

7695254

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7888596 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 #785ED4 looks like.

```
.text, #text, p{  
    color:#785ED4  
}
```

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 #785ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785ED4
}
```

Border

The CSS property to change the border of an element to Decimal 7888596 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
#785ED4 }
```

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

```
.border{ border-color:#785ED4 }
```

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

Here you see how a box with a 4 pixel #785ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785ED4; -webkit-box-shadow:4px 4px  
4px 4px #785ED4; box-shadow:4px 4px 4px  
4px #785ED4 }
```

Background

The CSS property to change the background color of an element to Decimal 788596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785ED4 }
```

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

```
.background{ background-color:#785ED4 }
```

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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