

Converting Colors

Decimal(7880566)

Have a look what the booklet for
Decimal(7880566) contains.

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Color

Decimal(7880566)

Conversions

Conversions Part 1

Format	Color
Hex	783F76
RGB	120, 63, 118
RGB Percent	47%, 25%, 46%
CMY	0.5294, 0.7529, 0.5373
CMYK	0.00, 0.47, 0.02, 0.53
HSL	302°, 31%, 36%
HSV	302°, 48%, 47%
XYZ	12.7933, 8.8561, 18.1747
YIQ	86.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

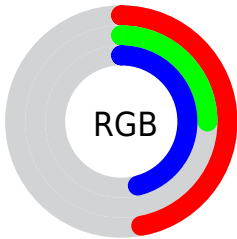
Format	Color
R_{YB}	120, 63, 118
Decimal	7880566
CIE _{Lab}	35.71, 33.37, -20.97
CIE _{LCh}	36, 39.415, 327.854
Yxy	8.8561, 0.3212, 0.2224
Android (android.graphics.Color)	4286070646 (0xFF783F76)
YUV	86.3130, 15.6217, 29.5435
Hunter-Lab	29.7592, 24.6572, -15.3784

Details

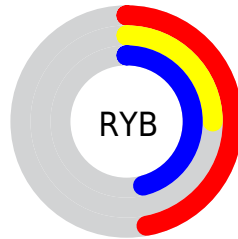
The Decimal color **7880566** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4159553**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **11432362**, and **4591173** is the 20% darker color. If you saturate the color by 10%, you get **7877494**, and if you desaturate by 10%, it is **7883638**.

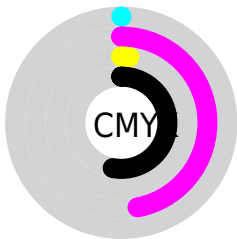
Distribution



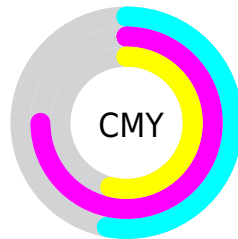
- Red (47%)
- Green (25%)
- Blue (46%)



- Red (47%)
- Yellow (25%)
- Blue (46%)



- Cyan (0%)
- Magenta (47%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7880566 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 7880566 by changing the saturation by 10% instead.

7880566

7880566

16777215

6170461

11432362

4591173

13274054

3014703

15116002

1310746

16761343

0

16768511

16775935

7880566

7880566

7877494

7883638

7874421

7886711

7871349

7889783

7868276

7892856

7865204

7895928

7864436

7899001

7902073

7905145

7908218

Harmonies

Analogous

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



5262732



7880566



9123416

Triad

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



7880566



6705678



25457

Complementary

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



7880566



4159553

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.



25425



7880566



4676375

Square

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



7880566



8275230



1728561



24713

Rectangle

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



7880566



9254722



1728561



25446

Sweetspot

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



7880566



10258075



4276088



5194319



13619151



5197647

Same Dimension

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



7880566



10240920



7880538



4011837



8192121



16515316

Inverse Universe

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



7880566



10240920



4159581



4011837



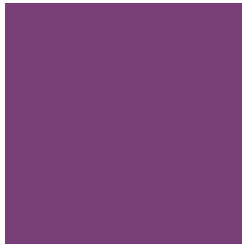
8192121



16515316

Previews

White Background



This preview shows how the Decimal color 7880566 looks on a white background.

Color Contrast Check

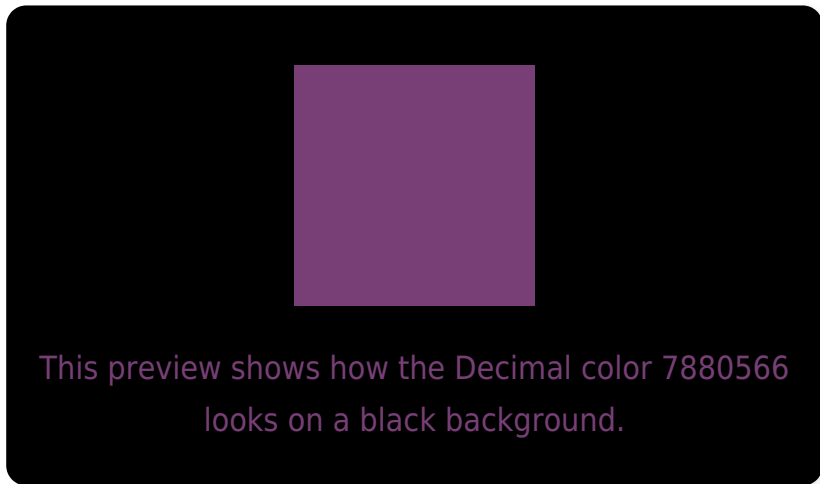
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

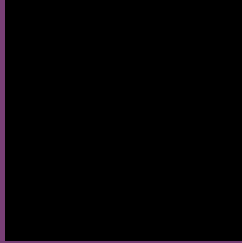
Any Text WCAG AA × Fail

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 7880566 Background



This preview shows how black text looks on a background with the Decimal color 7880566.

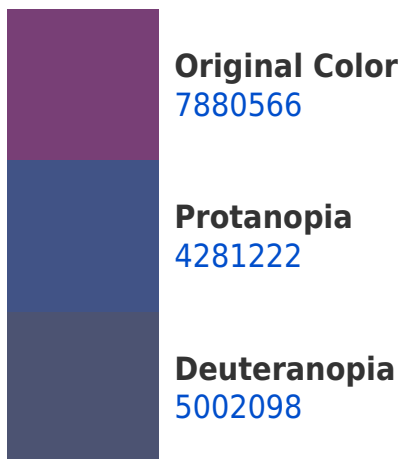



This preview shows how white text looks on a background with the Decimal color 7880566.

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
7555150

Trichromacy



Original Color
7880566

Protanomaly
5590144

Deuteranomaly
6048883

Tritanomaly
7685469

Monochromacy



Original Color
7880566

Achromatopsia
5658198

Achromatomaly
6442594

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7880566 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 #783F76 looks like.

```
.text, #text, p{  
    color:#783F76  
}
```

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 #783F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783F76
}
```

Border

The CSS property to change the border of an element to Decimal 7880566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

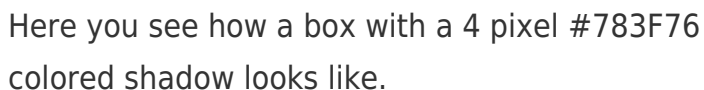
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783F76 }
```

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

```
.border{ border-color:#783F76 }
```

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



Here you see how a box with a 4 pixel #783F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783F76; -webkit-box-shadow:4px 4px  
4px 4px #783F76; box-shadow:4px 4px 4px  
4px #783F76 }
```

Background

The CSS property to change the background color of an element to Decimal 7880566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783F76 }
```

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

```
.background{ background-color:#783F76 }
```

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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