

Converting Colors

Decimal(7826567)

Have a look what the booklet for
Decimal(7826567) contains.

Decimal(7826567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7826567)

Conversions

Conversions Part 1

Format	Color
Hex	776C87
RGB	119, 108, 135
RGB Percent	47%, 42%, 53%
CMY	0.5333, 0.5765, 0.4706
CMYK	0.12, 0.20, 0.00, 0.47
HSL	264°, 11%, 48%
HSV	264°, 20%, 53%
XYZ	17.3435, 16.3963, 25.1724
YIQ	114.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

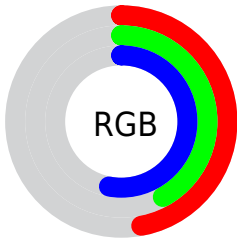
Format	Color
R_{YB}	119, 108, 135
Decimal	7826567
CIE Lab	47.49, 9.93, -13.28
CIE LCh	47, 16.586, 306.789
Yxy	16.3963, 0.2944, 0.2783
Android (android.graphics.Color)	4286016647 (0xFF776C87)
YUV	114.3670, 10.1721, 4.0631
Hunter-Lab	40.4924, 5.5925, -8.5134

Details

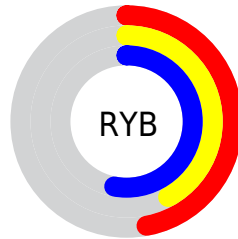
The Decimal color **7826567** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8161132**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **11247548**, and **4603221** is the 20% darker color. If you saturate the color by 10%, you get **7298695**, and if you desaturate by 10%, it is **8354439**.

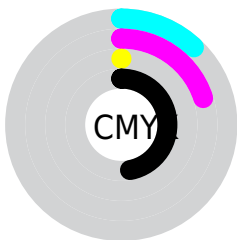
Distribution



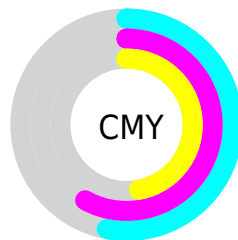
- Red (47%)
- Green (42%)
- Blue (53%)



- Red (47%)
- Yellow (42%)
- Blue (53%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7826567 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 7826567 by changing the saturation by 10% instead.



7826567



7826567

16777215



6181998



11247548



4603221



13089496



3155774



14931701



1708840



16774143



275



0



7826567



7826567



7298695



8354439



6771079



8882055

6243463

9409927

5715591

9937543

5187975

10465415

4660103

10993031

4132231

11520903

3604615

12048519

12576391

Harmonies

Analogous

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



6582668



7826567



8743036

Triad

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



7826567



8744023



5077363

Complementary

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



7826567



8161132

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.



5863525



7826567



7893333

Square

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



7826567



9201761



6845786



4814977

Rectangle

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



7826567



9135987



6845786



5273967

Sweetspot

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



7826567



11183536



7109767



5657433



14277081



5855577

Same Dimension

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



7826567



9930416



8678535



4078658



3473538



65539

Inverse Universe

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



8875132



11568799



7309164



4340800



8519757



196610

Previews

White Background



This preview shows how the Decimal color 7826567 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 7826567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

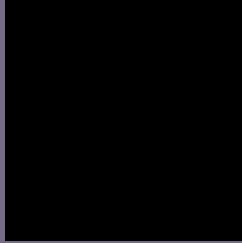
Any Text WCAG AA × Fail

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 7826567 Background



This preview shows how black text looks on a background with the Decimal color 7826567.



This preview shows how white text looks on a background with the Decimal color 7826567.

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



Original Color
7826567

Protanopia
7041161

Deuteranopia
7433863



Tritanopia
7630711

Trichromacy



Original Color

7826567

Protanomaly

7303048

Deuteranomaly

7564679

Tritanomaly

7695997

Monochromacy



Original Color

7826567

Achromatopsia

7500402

Achromatomaly

7630970

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7826567 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 #776C87 looks like.

```
.text, #text, p{  
    color:#776C87  
}
```

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 #776C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776C87
}
```

Border

The CSS property to change the border of an element to Decimal 7826567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

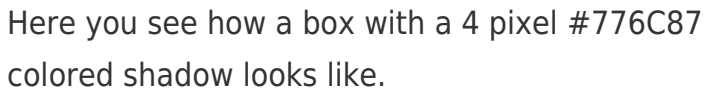
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#776C87 }
```

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

```
.border{ border-color:#776C87 }
```

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



Here you see how a box with a 4 pixel #776C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776C87; -webkit-box-shadow:4px 4px  
4px 4px #776C87; box-shadow:4px 4px 4px  
4px #776C87 }
```

Background

The CSS property to change the background color of an element to Decimal 7826567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776C87 }
```

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

```
.background{ background-color:#776C87 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor