

Converting Colors

Decimal(7761291)

Have a look what the booklet for
Decimal(7761291) contains.

Decimal(7761291)	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(7761291)

Conversions

Conversions Part 1

Format	Color
Hex	766D8B
RGB	118, 109, 139
RGB Percent	46%, 43%, 55%
CMY	0.5373, 0.5725, 0.4549
CMYK	0.15, 0.22, 0.00, 0.45
HSL	258°, 12%, 49%
HSV	258°, 22%, 55%
XYZ	17.6001, 16.6529, 26.7128
YIQ	115.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

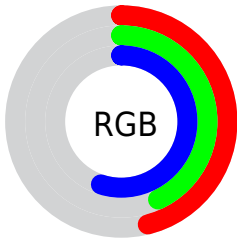
Format	Color
R_{YB}	118, 109, 139
Decimal	7761291
CIE Lab	47.82, 9.90, -15.17
CIE LCh	48, 18.117, 303.141
Yxy	16.6529, 0.2887, 0.2732
Android (android.graphics.Color)	4285951371 (0xFF766D8B)
YUV	115.1110, 11.7773, 2.5337
Hunter-Lab	40.8080, 5.5712, -10.2455

Details

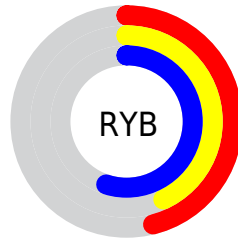
The Decimal color **7761291** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8555373**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11182273**, and **4537945** is the 20% darker color. If you saturate the color by 10%, you get **7102347**, and if you desaturate by 10%, it is **8420235**.

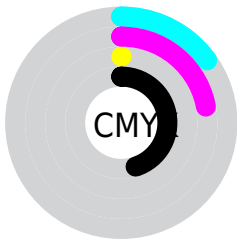
Distribution



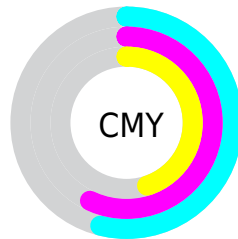
- Red (46%)
- Green (43%)
- Blue (55%)



- Red (46%)
- Yellow (43%)
- Blue (55%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7761291 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 7761291 by changing the saturation by 10% instead.



7761291



7761291

16777215



6116721



11182273



4537945



13024220



3090497



14866425



1643307



16774399



279



0



7761291



7761291



7102347



8420235



6508939



9013643

■ 5849995

■ 9672587

■ 5191051

■ 10331531

■ 4532363

■ 10990475

■ 3938955

■ 11583627

■ 3280011

■ 12242571

■ 2752651

■ 12901515

■ 13560459

Harmonies

Analogous

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



6386320



7761291



8874112

Triad

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



7761291



8940631



4881011

Complementary

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



7761291



8555373

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.



5863779



7761291



8089939

Square

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



7761291



9463905



6977112



4553090

Rectangle

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



7761291



9332598



6977112



5208685

Sweetspot

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



7761291



11381429



7176843



5723484



14408667



6052956

Same Dimension

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



7761291



9733813



8744331



4210245



2621573



131077

Inverse Universe

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



9137538



11896487



7572333



4537923



8716381



327684

Previews

White Background



This preview shows how the Decimal color 7761291 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 7761291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

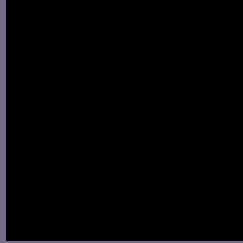
Any Text WCAG AA × Fail

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 7761291 Background



This preview shows how black text looks on a background with the Decimal color 7761291.



This preview shows how white text looks on a background with the Decimal color 7761291.

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


7761291

Protanopia

7041165

Deuteranopia

7368587



Tritanopia
7565433

Trichromacy



Original Color

7761291

Protanomaly

7303052

Deuteranomaly

7499403

Tritanomaly

7630720

Monochromacy



Original Color

7761291

Achromatopsia

7566195

Achromatomaly

7631228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7761291 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 #766D8B looks like.

```
.text, #text, p{  
    color:#766D8B  
}
```

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 #766D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D8B
}
```

Border

The CSS property to change the border of an element to Decimal 7761291 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".

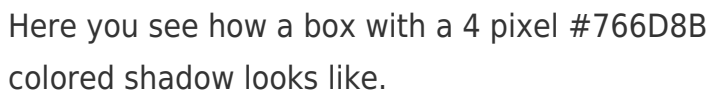
```
.border, #border, table{ border:4px solid
#766D8B }
```

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

```
.border{ border-color:#766D8B }
```

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

Here you see how a box with a 4 pixel #766D8B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D8B; -webkit-box-shadow:4px 4px  
4px 4px #766D8B; box-shadow:4px 4px 4px  
4px #766D8B }
```

Background

The CSS property to change the background color of an element to Decimal 7761291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D8B }
```

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

```
.background{ background-color:#766D8B }
```

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