

Converting Colors

Decimal(7696505)

Have a look what the booklet for
Decimal(7696505) contains.

| | |
|--|----|
| Decimal(7696505) | 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(7696505)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 757079 |
| RGB | 117, 112, 121 |
| RGB Percent | 46%, 44%, 47% |
| CMY | 0.5412, 0.5608, 0.5255 |
| CMYK | 0.03, 0.07, 0.00, 0.53 |
| HSL | 273°, 4%, 46% |
| HSV | 273°, 7%, 47% |
| XYZ | 16.5815, 16.7507, 20.4484 |
| YIQ | 114.5210, 0.0910, 3.8590 |

Conversions

Conversions Part 2

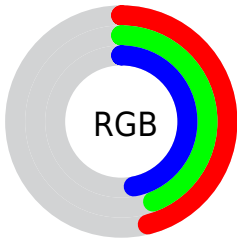
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 117, 112, 121 |
| Decimal | 7696505 |
| CIE _{Lab} | 47.94, 3.76, -4.28 |
| CIE _{LCh} | 48, 5.700, 311.270 |
| Yxy | 16.7507, 0.3083, 0.3115 |
| Android (android.graphics.Color) | 4285886585 (0xFF757079) |
| YUV | 114.5210, 3.1941, 2.1741 |
| Hunter-Lab | 40.9276, 0.6943, -0.9734 |

Details

The Decimal color **7696505** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7633264**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **11117741**, and **4538441** is the 20% darker color. If you saturate the color by 10%, you get **7365753**, and if you desaturate by 10%, it is **8027257**.

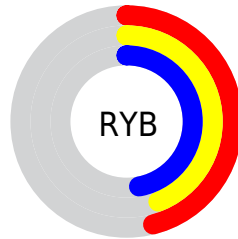
Distribution



Red (46%)

Green (44%)

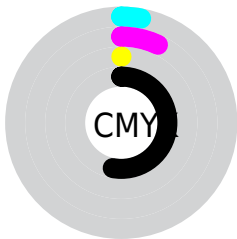
Blue (47%)



Red (46%)

Yellow (44%)

Blue (47%)

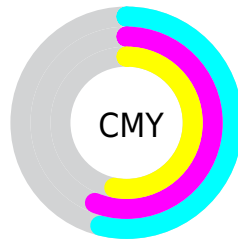


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7696505 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 7696505 by changing the saturation by 10% instead.

■ 7696505

■ 7696505

16777215

■ 6051936

■ 11117741

■ 4538441

■ 12894153

■ 3090994

■ 14736357

■ 1709597

■ 16644095

■ 2

■ 0

■ 7696505

■ 7696505

■ 7365753

■ 8027257

■ 6969465

■ 8423545

■ 6638713

■ 8754297

■ 6242425

■ 9150585

■ 5911417

■ 9481337

■ 5580665

■ 9812345

■ 5184377

■ 10208633

■ 4853625

■ 10539385

■ 4522873

■ 10870137

Harmonies

Analogous

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



7303803



7696505



8023925

Triad

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



7696505



7958633



6714739

Complementary

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



7696505



7633264

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.



6911087



7696505



7631464

Square

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



7696505



8154988



7238506



6714488

Rectangle

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



7696505



8154994



7238506



6780274

Sweetspot

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



7696505



10328990



7369849



5131599



13619151



5197647

Same Dimension

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



7696505



9998494



7958649



3815229



4522109



9175292

Inverse Universe

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



7958644



10391702



7371120



4011834



8192056



16515184

Previews

White Background



This preview shows how the Decimal color 7696505 looks on a white background.

Color Contrast Check

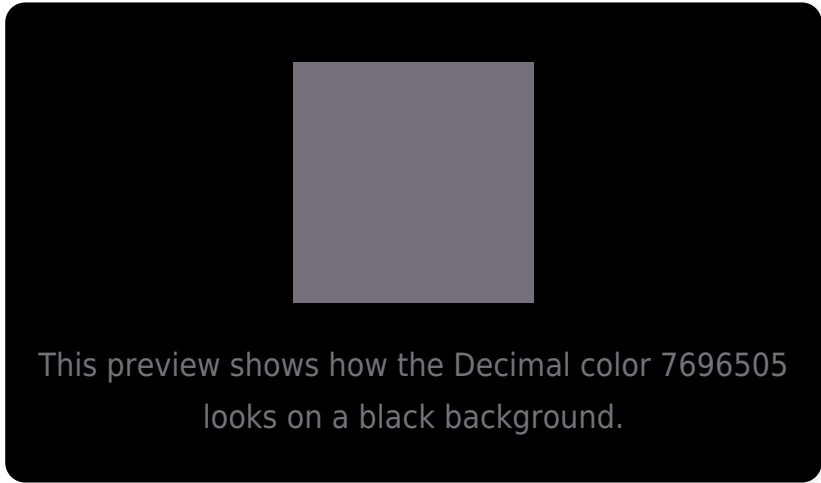
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

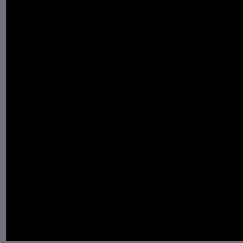
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

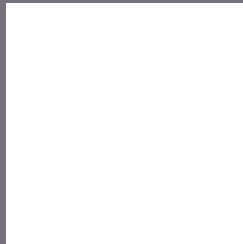
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7696505 Background



This preview shows how black text looks on a background with the Decimal color 7696505.



This preview shows how white text looks on a background with the Decimal color 7696505.

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
7696505

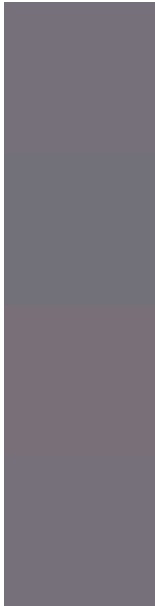
Protanopia
7434618

Deuteranopia
7958137



Tritanopia
7696505

Trichromacy



Original Color
7696505

Protanomaly
7500154

Deuteranomaly
7892857

Tritanomaly
7696505

Monochromacy



Original Color
7696505

Achromatopsia
7566195

Achromatomaly
7631477

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7696505 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 #757079 looks like.

```
.text, #text, p{  
  color:#757079  
}
```

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 #757079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757079
}
```

Border

The CSS property to change the border of an element to Decimal 7696505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

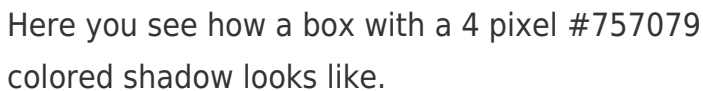
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#757079 }
```

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

```
.border{ border-color:#757079 }
```

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



Here you see how a box with a 4 pixel #757079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757079; -webkit-box-shadow:4px 4px  
4px 4px #757079; box-shadow:4px 4px 4px  
4px #757079 }
```

Background

The CSS property to change the background color of an element to Decimal 7696505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757079 }
```

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

```
.background{ background-color:#757079 }
```

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