

Converting Colors

Decimal(7555698)

Have a look what the booklet for
Decimal(7555698) contains.

| | |
|--|----|
| Decimal(7555698) | 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(7555698)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 734A72 |
| RGB | 115, 74, 114 |
| RGB Percent | 45%, 29%, 45% |
| CMY | 0.5490, 0.7098, 0.5529 |
| CMYK | 0.00, 0.36, 0.01, 0.55 |
| HSL | 301°, 22%, 37% |
| HSV | 301°, 36%, 45% |
| XYZ | 12.5563, 9.7573, 17.1411 |
| YIQ | 90.8190, 11.5960, 21.1320 |

Conversions

Conversions Part 2

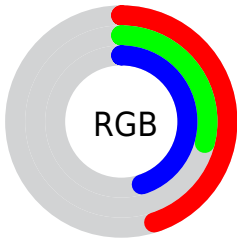
| Format | Color |
|-------------------------------------|--|
| RYB | 115, 74, 114 |
| Decimal | 7555698 |
| CIELab | 37.40, 24.46, -15.92 |
| CIELCh | 37, 29.186, 326.951 |
| Yxy | 9.7573, 0.3182, 0.2473 |
| Android (android.graphics.Color) | 4285745778 (0xFF734A72) |
| YUV | 90.8190, 11.4282, 21.2067 |
| Hunter-Lab | 31.2367, 17.0878, -10.6697 |

Details

The Decimal color **7555698** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4879179**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **11041958**, and **4332610** is the 20% darker color. If you saturate the color by 10%, you get **7552882**, and if you desaturate by 10%, it is **7558770**.

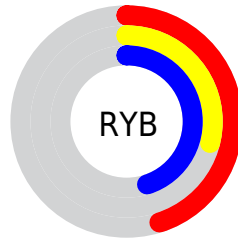
Distribution



Red (45%)

Green (29%)

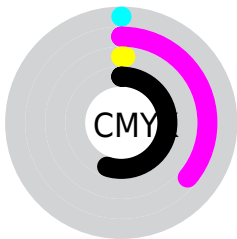
Blue (45%)



Red (45%)

Yellow (29%)

Blue (45%)

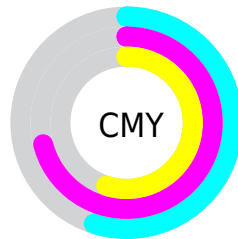


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (55%)



Cyan (55%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7555698 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 7555698 by changing the saturation by 10% instead.

■ 7555698

■ 7555698

16777215

■ 5911385

■ 11041958

■ 4332610

■ 12818113

■ 2819628

■ 14659805

■ 1245207

■ 16567546

■ 0

■ 16771327

■ 7555698

■ 7555698

■ 7552882

■ 7558770

■ 7549809

■ 7561587

7546993

7564659

7543921

7567475

7541105

7570547

7538032

7573364

7536752

7576436

7579252

7582325

Harmonies

Analogous

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



5657474



7555698



8537435

Triad

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



755698



683780



25709

Complementary

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



7555698



4879179

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.



25685



7555698



5332269

Square

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



7555698



8015153



3433021



24959

Rectangle

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



7555698



8734028



3433021



25701

Sweetspot

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



7555698



9864854



4934259



5063500



13421772



5066061

Same Dimension

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



7555698



9852565



7555678



3880251



7995511



16384244

Inverse Universe

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



7555698



9852565



4879199



3880251



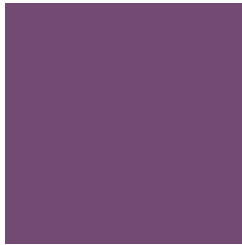
7995511



16384244

Previews

White Background



This preview shows how the Decimal color 7555698 looks on a white background.

Color Contrast Check

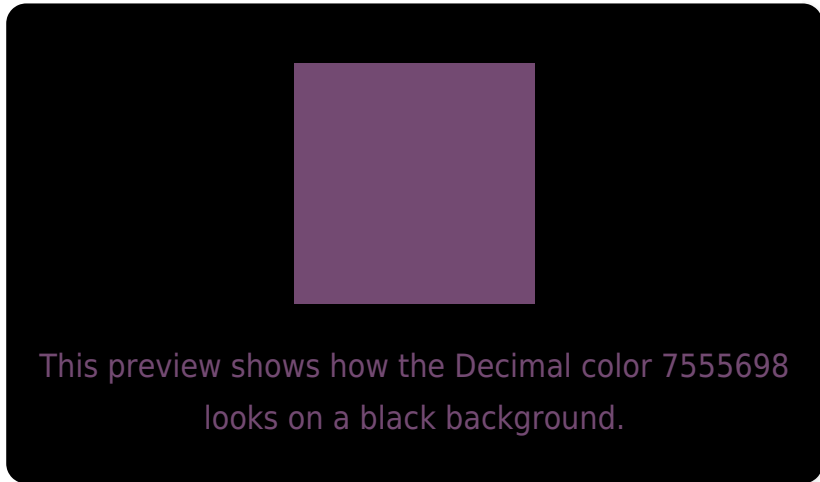
Large Text (above 18pt) WCAG AA ✓ Pass

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

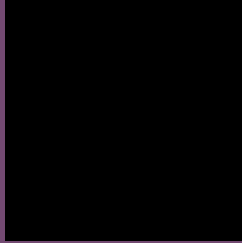
Any Text WCAG AA × Fail

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 7555698 Background



This preview shows how black text looks on a background with the Decimal color 7555698.



This preview shows how white text looks on a background with the Decimal color 7555698.

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
7555698

Protanopia
5068668

Deuteranopia
5592944

Trichromacy



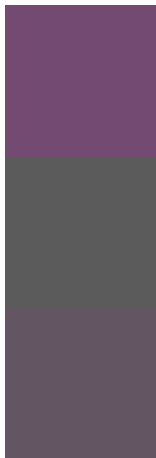
Original Color
7555698

Protanomaly
5984888

Deuteranomaly
6312561

Tritanomaly
7360096

Monochromacy



Original Color
7555698

Achromatopsia
5987163

Achromatomaly
6575459

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7555698 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 #734A72 looks like.

```
.text, #text, p{  
  color:#734A72  
}
```

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 #734A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734A72
}
```

Border

The CSS property to change the border of an element to Decimal 7555698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

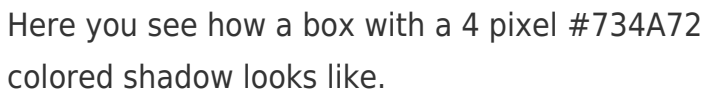
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734A72 }
```

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

```
.border{ border-color:#734A72 }
```

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



Here you see how a box with a 4 pixel #734A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734A72; -webkit-box-shadow:4px 4px  
4px 4px #734A72; box-shadow:4px 4px 4px  
4px #734A72 }
```

Background

The CSS property to change the background color of an element to Decimal 7555698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734A72 }
```

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

```
.background{ background-color:#734A72 }
```

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