

Converting Colors

Decimal(7758742)

Have a look what the booklet for
Decimal(7758742) contains.

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Color

Decimal(7758742)

Conversions

Conversions Part 1

Format	Color
Hex	766396
RGB	118, 99, 150
RGB Percent	46%, 39%, 59%
CMY	0.5373, 0.6118, 0.4118
CMYK	0.21, 0.34, 0.00, 0.41
HSL	262°, 20%, 49%
HSV	262°, 34%, 59%
XYZ	17.4381, 14.9772, 30.8260
YIQ	110.4950, -5.0470, 19.8890

Conversions

Conversions Part 2

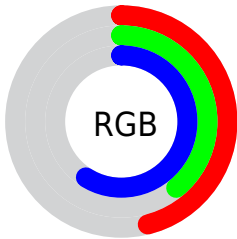
Format	Color
R_{YB}	118, 99, 150
Decimal	7758742
CIE _{Lab}	45.60, 18.58, -25.11
CIE _{LCh}	46, 31.241, 306.499
Yxy	14.9772, 0.2757, 0.2368
Android (android.graphics.Color)	4285948822 (0xFF766396)
YUV	110.4950, 19.4760, 6.5819
Hunter-Lab	38.7004, 12.7047, -20.1358

Details

The Decimal color **7758742** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8623715**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **11245260**, and **4469859** is the 20% darker color. If you saturate the color by 10%, you get **7165078**, and if you desaturate by 10%, it is **8352406**.

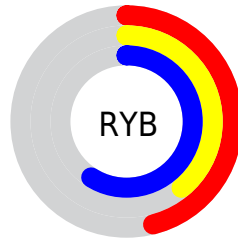
Distribution



Red (46%)

Green (39%)

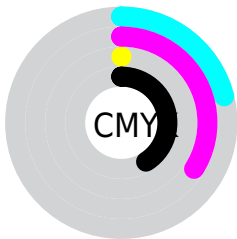
Blue (59%)



Red (46%)

Yellow (39%)

Blue (59%)

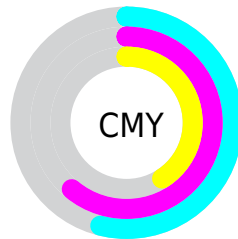


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7758742 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 7758742 by changing the saturation by 10% instead.

■ 7758742

■ 7758742

16777215

■ 6114172

■ 11245260

■ 4469859

■ 13087209

■ 2957131

■ 14929151

■ 1509684

■ 16771327

■ 542

■ 1

■ 0

■ 7758742

■ 7758742

■ 7165078

■ 8352406

■ 6505878

■ 9011606

■ 5912214

■ 9605270

■ 5253014

■ 10264470

■ 4659350

■ 10858134

■ 4065686

■ 11451798

■ 3670166

■ 12110998

■ 12704662

■ 13363862

Harmonies

Analogous

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



5074336



7758742



9525889

Triad

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



7758742



9265980



31345

Complementary

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



7758742



8623715

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.



3766358



7758742



7826487

Square

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



7758742



10181454



5993281



31114

Rectangle

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



7758742



10180464



5993281



1669480

Sweetspot

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



7758742



11972290



6521750



5920097



14737632



6381921

Same Dimension

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



7758742



9466562



9397142



4539210



3342474



262154

Inverse Universe

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



9855875



12743332



6985315



4866887



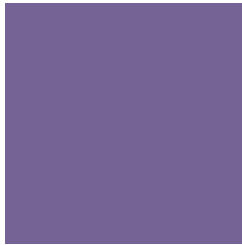
9044054



655366

Previews

White Background



This preview shows how the Decimal color 7758742 looks on a white background.

Color Contrast Check

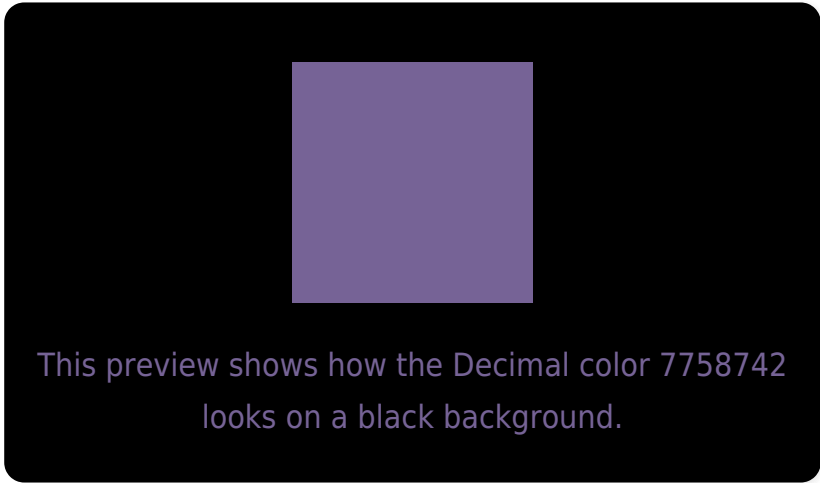
Large Text (above 18pt) WCAG AA ✓ Pass

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

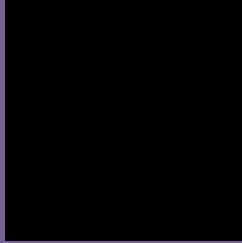
Any Text WCAG AA × Fail

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 7758742 Background



This preview shows how black text looks on a background with the Decimal color 7758742.

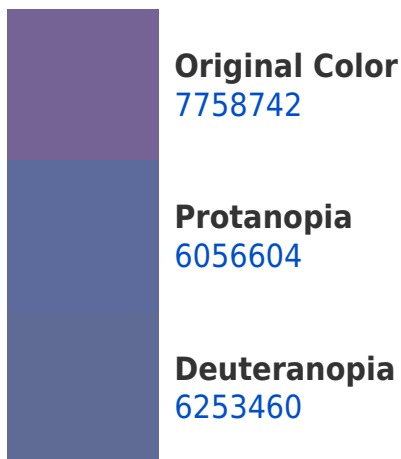



This preview shows how white text looks on a background with the Decimal color 7758742.

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
7367282

Trichromacy



Original Color
7758742

Protanomaly
6645658

Deuteranomaly
6776981

Tritanomaly
7497599

Monochromacy



Original Color
7758742

Achromatopsia
7237230

Achromatomaly
7432829

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7758742 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 #766396 looks like.

```
.text, #text, p{  
    color:#766396  
}
```

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 #766396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766396
}
```

Border

The CSS property to change the border of an element to Decimal 7758742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

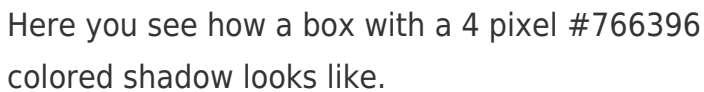
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#766396 }
```

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

```
.border{ border-color:#766396 }
```

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



Here you see how a box with a 4 pixel #766396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766396; -webkit-box-shadow:4px 4px  
4px 4px #766396; box-shadow:4px 4px 4px  
4px #766396 }
```

Background

The CSS property to change the background color of an element to Decimal 7758742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766396 }
```

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

```
.background{ background-color:#766396 }
```

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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