

Converting Colors

Decimal(7696022)

Have a look what the booklet for
Decimal(7696022) contains.

Decimal(7696022)	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(7696022)

Conversions

Conversions Part 1

Format	Color
Hex	756E96
RGB	117, 110, 150
RGB Percent	46%, 43%, 59%
CMY	0.5412, 0.5686, 0.4118
CMYK	0.22, 0.27, 0.00, 0.41
HSL	250°, 16%, 51%
HSV	250°, 27%, 59%
XYZ	18.4171, 17.1358, 31.1910
YIQ	116.6530, -8.6680, 13.9240

Conversions

Conversions Part 2

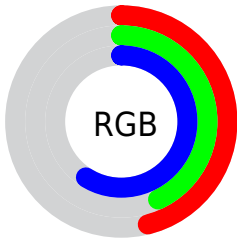
Format	Color
RYB	117, 110, 150
Decimal	7696022
CIELab	48.43, 11.61, -20.75
CIElCh	48, 23.783, 299.231
Yxy	17.1358, 0.2759, 0.2567
Android (android.graphics.Color)	4285886102 (0xFF756E96)
YUV	116.6530, 16.4401, 0.3043
Hunter-Lab	41.3954, 6.9739, -15.6977

Details

The Decimal color **7696022** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9410158**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **11182796**, and **4472419** is the 20% darker color. If you saturate the color by 10%, you get **6905750**, and if you desaturate by 10%, it is **8486294**.

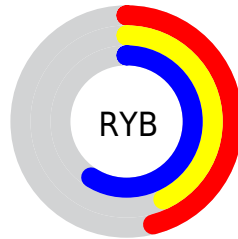
Distribution



Red (46%)

Green (43%)

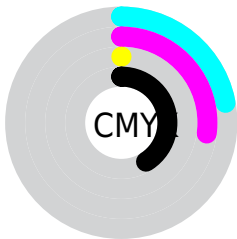
Blue (59%)



Red (46%)

Yellow (43%)

Blue (59%)

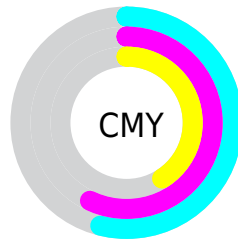


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (57%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7696022 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 7696022 by changing the saturation by 10% instead.



7696022



7696022

16777215



6051452



11182796



4472419



12959208



2959691



14801151



1446964



16709119



31



2



0



7696022



7696022



6905750



8486294

6049942

9342102

5259670

10132374

4403862

10988182

3613590

11778454

2823318

12568726

1967510

13424534

1704086

14214806

15005078

Harmonies

Analogous

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



5731739



7696022



9201544

Triad

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



7696022



9595729



4095602

Complementary

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



7696022



9410158

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.



5602398



7696022



8483403

Square

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



7696022



10118496



7108687



3178118

Rectangle

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



7696022



9856379



7108687



4554347

Sweetspot

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



7696022



11907778



7245718



5855073



14737632



6381921

Same Dimension

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



7696022



9405634



9006742



4473674



1573002



131082

Inverse Universe

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



9858703



12747959



8099438



4866889



9044082



655368

Previews

White Background



This preview shows how the Decimal color 7696022 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 7696022 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 7696022 Background



This preview shows how black text looks on a background with the Decimal color 7696022.



This preview shows how white text looks on a background with the Decimal color 7696022.

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


7696022

Protanopia

6845081

Deuteranopia

7106965



Tritanopia
7369596

Trichromacy



Original Color
7696022

Protanomaly
7172504

Deuteranomaly
7303317

Tritanomaly
7500165

Monochromacy



Original Color
7696022

Achromatopsia
7697781

Achromatomaly
7697025

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7696022 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 #756E96 looks like.

```
.text, #text, p{  
    color:#756E96  
}
```

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 #756E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756E96
}
```

Border

The CSS property to change the border of an element to Decimal 7696022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

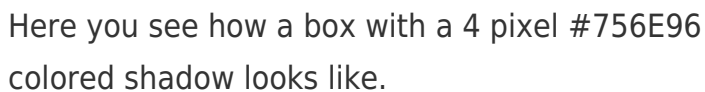
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756E96 }
```

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

```
.border{ border-color:#756E96 }
```

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



Here you see how a box with a 4 pixel `#756E96` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756E96; -webkit-box-shadow:4px 4px  
4px 4px #756E96; box-shadow:4px 4px 4px  
4px #756E96 }
```

Background

The CSS property to change the background color of an element to Decimal 7696022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756E96 }
```

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

```
.background{ background-color:#756E96 }
```

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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