

Converting Colors

Decimal(7694246)

Have a look what the booklet for
Decimal(7694246) contains.

Decimal(7694246)	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(7694246)

Conversions

Conversions Part 1

Format	Color
Hex	7567A6
RGB	117, 103, 166
RGB Percent	46%, 40%, 65%
CMY	0.5412, 0.5961, 0.3490
CMYK	0.30, 0.38, 0.00, 0.35
HSL	253°, 26%, 53%
HSV	253°, 38%, 65%
XYZ	19.0693, 16.2356, 38.2051
YIQ	114.3680, -11.8790, 22.5610

Conversions

Conversions Part 2

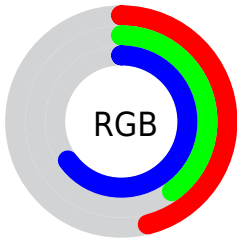
Format	Color
R_{YB}	117, 103, 166
Decimal	7694246
CIE _{Lab}	47.28, 19.94, -31.96
CIE _{LCh}	47, 37.669, 301.964
Yxy	16.2356, 0.2594, 0.2209
Android (android.graphics.Color)	4285884326 (0xFF7567A6)
YUV	114.3680, 25.4546, 2.3083
Hunter-Lab	40.2934, 13.9637, -28.0118

Details

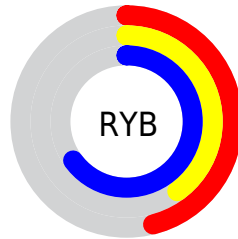
The Decimal color **7694246** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10004071**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **11180765**, and **4339826** is the 20% darker color. If you saturate the color by 10%, you get **6837926**, and if you desaturate by 10%, it is **8550566**.

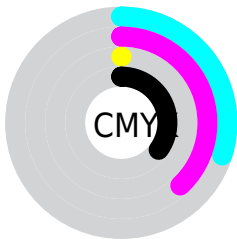
Distribution



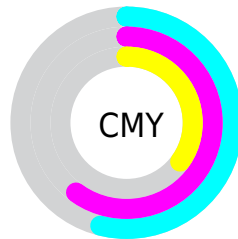
- Red (46%)
- Green (40%)
- Blue (65%)



- Red (46%)
- Yellow (40%)
- Blue (65%)



- Cyan (30%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (54%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7694246 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 7694246 by changing the saturation by 10% instead.

■ 7694246

■ 7694246

16777215

■ 5984139

■ 11180765

■ 4339826

■ 13022714

■ 2761305

■ 14930431

■ 1052225

■ 16772607

■ 43

■ 277

■ 0

■ 7694246

■ 7694246

■ 6837926

■ 8550566

■ 5981862

■ 9406630

■ 5125542

■ 10262950

■ 4269478

■ 11119014

■ 3413158

■ 11975334

■ 2622374

■ 12766118

■ 2424998

■ 13622182

■ 14478502

■ 15334566

Harmonies

Analogous

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



3896239



7694246



10050446

Triad

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



7694246



10118200



32881

Complementary

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



7694246



10004071

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.



3571281



7694246



8482606

Square

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



7694246



11163984



6322232



32657

Rectangle

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



7694246



10901114



6322232



32870

Sweetspot

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



7694246



13025753



6789286



6512494



15592941



7237230

Same Dimension

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



7694246



9139673



9725862



5131348



2162836



327700

Inverse Universe

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



10905496



14251459



7972455



5524562



9699443



1310736

Previews

White Background



This preview shows how the Decimal color 7694246 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 7694246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

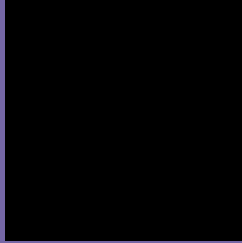
Any Text WCAG AA × Fail

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 7694246 Background



This preview shows how black text looks on a background with the Decimal color 7694246.




This preview shows how white text looks on a background with the Decimal color 7694246.

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
7106681

Trichromacy



Original Color
7694246

Protanomaly
6581162

Deuteranomaly
6581413

Tritanomaly
7302537

Monochromacy



Original Color
7694246

Achromatopsia
7500402

Achromatomaly
7564933

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7694246 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 #7567A6 looks like.

```
.text, #text, p{  
    color:#7567A6  
}
```

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 #7567A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7567A6
}
```

Border

The CSS property to change the border of an element to Decimal 7694246 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".

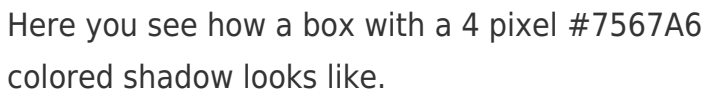
```
.border, #border, table{ border:4px solid
#7567A6 }
```

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

```
.border{ border-color:#7567A6 }
```

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

Here you see how a box with a 4 pixel #7567A6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7567A6; -webkit-box-shadow:4px 4px  
4px 4px #7567A6; box-shadow:4px 4px 4px  
4px #7567A6 }
```

Background

The CSS property to change the background color of an element to Decimal 7694246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7567A6 }
```

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

```
.background{ background-color:#7567A6 }
```

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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