

Converting Colors

Decimal(7832003)

Have a look what the booklet for
Decimal(7832003) contains.

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Color

Decimal(7832003)

Conversions

Conversions Part 1

Format	Color
Hex	7781C3
RGB	119, 129, 195
RGB Percent	47%, 51%, 76%
CMY	0.5333, 0.4941, 0.2353
CMYK	0.39, 0.34, 0.00, 0.24
HSL	232°, 39%, 62%
HSV	232°, 39%, 76%
XYZ	25.3083, 23.5626, 54.8439
YIQ	133.5340, -27.1460, 18.4060

Conversions

Conversions Part 2

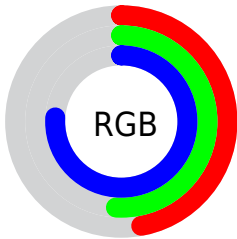
Format	Color
RYB	119, 128, 195
Decimal	7832003
CIELab	55.65, 12.85, -35.60
CIELCh	56, 37.848, 289.843
Yxy	23.5626, 0.2440, 0.2272
Android (android.graphics.Color)	4286022083 (0xFF7781C3)
YUV	133.5340, 30.3027, -12.7463
Hunter-Lab	48.5413, 8.1186, -33.0093

Details

The Decimal color **7832003** is a light color, and the websafe version is hex **666699**. A complement of this color would be **12826999**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **11450108**, and **4345997** is the 20% darker color. If you saturate the color by 10%, you get **6516931**, and if you desaturate by 10%, it is **9147075**.

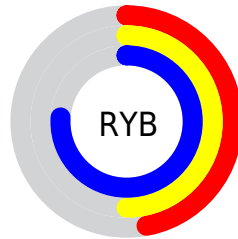
Distribution



Red (47%)

Green (51%)

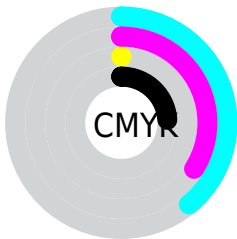
Blue (76%)



Red (47%)

Yellow (50%)

Blue (76%)

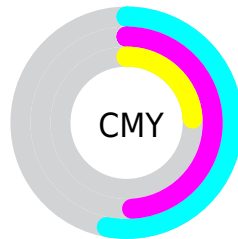


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7832003 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 7832003 by changing the saturation by 10% instead.

■ 7832003

■ 7832003

16777215

■ 6056104

■ 11450108

■ 4345997

■ 13292031

■ 2570611

■ 15199743

■ 205914

■ 4162

■ 812

■ 278

■ 0

■ 7832003

■ 7832003

■ 6516931

■ 9147075

■ 5267395

■ 10396611

■ 4017859

■ 11711683

■ 2702787

■ 12961219

■ 1387715

■ 14276291

■ 138179

■ 15525827

■ 6851

■ 16775363

■ 16777155

Harmonies

Analogous

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



3509446



7832003



10712496

Triad

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



7832003



12219476



2791033

Complementary

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



7832003



12826999

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.



6197850



7832003



10715204

Square

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



7832003



12872817



8686150



38555

Rectangle

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



7832003



12021405



8686150



4167022

Sweetspot

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



7832003



14607100



7848889



7237760



0



8421504

Same Dimension

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



7832003



8820220



9664451



5724257



5537



1057

Inverse Universe

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



12810113



16549525



10994551



6379352



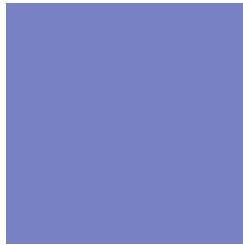
10551317



2162692

Previews

White Background



This preview shows how the Decimal color 7832003 looks on a white background.

Color Contrast Check

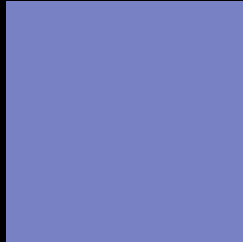
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7832003 looks on a black 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

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

Decimal 7832003 Background



This preview shows how black text looks on a background with the Decimal color 7832003.



This preview shows how white text looks on a background with the Decimal color 7832003.

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
7832003

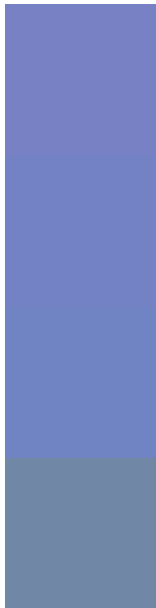
Protanopia
7308229

Deuteranopia
7111874



Tritanopia
7113365

Trichromacy



Original Color
7832003

Protanomaly
7504580

Deuteranomaly
7373762

Tritanomaly
7374758

Monochromacy



Original Color
7832003

Achromatopsia
8816262

Achromatomaly
8488092

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7832003 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 #7781C3 looks like.

```
.text, #text, p{  
    color:#7781C3  
}
```

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 #7781C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7781C3
}
```

Border

The CSS property to change the border of an element to Decimal 7832003 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
#7781C3 }
```

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

```
.border{ border-color:#7781C3 }
```

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

Here you see how a box with a 4 pixel #7781C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7781C3; -webkit-box-shadow:4px 4px  
4px 4px #7781C3; box-shadow:4px 4px 4px  
4px #7781C3 }
```

Background

The CSS property to change the background color of an element to Decimal 7832003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7781C3 }
```

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

```
.background{ background-color:#7781C3 }
```

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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