

Converting Colors

Decimal(7835046)

Have a look what the booklet for
Decimal(7835046) contains.

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Color

Decimal(7835046)

Conversions

Conversions Part 1

Format	Color
Hex	778DA6
RGB	119, 141, 166
RGB Percent	47%, 55%, 65%
CMY	0.5333, 0.4471, 0.3490
CMYK	0.28, 0.15, 0.00, 0.35
HSL	212°, 21%, 56%
HSV	212°, 28%, 65%
XYZ	24.0156, 25.7249, 39.7760
YIQ	137.2720, -21.1370, 3.1110

Conversions

Conversions Part 2

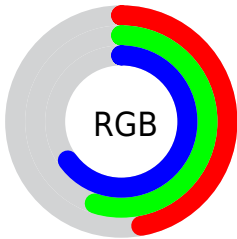
Format	Color
RYB	119, 134, 166
Decimal	7835046
CIELab	57.77, -1.90, -15.77
CIELCh	58, 15.887, 263.140
Yxy	25.7249, 0.2683, 0.2874
Android (android.graphics.Color)	4286025126 (0xFF778DA6)
YUV	137.2720, 14.1629, -16.0245
Hunter-Lab	50.7197, -4.2404, -10.9934

Details

The Decimal color **7835046** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10915959**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **11322333**, and **4545394** is the 20% darker color. If you saturate the color by 10%, you get **6718630**, and if you desaturate by 10%, it is **8951462**.

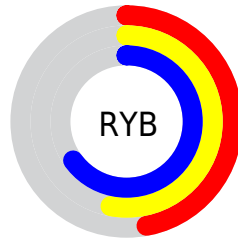
Distribution



Red (47%)

Green (55%)

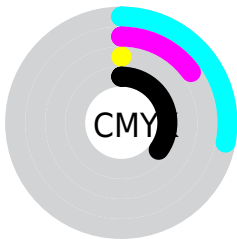
Blue (65%)



Red (47%)

Yellow (53%)

Blue (65%)

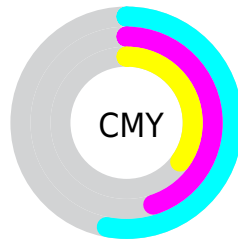


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7835046 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 7835046 by changing the saturation by 10% instead.

■ 7835046

■ 7835046

16777215

■ 6190220

■ 11322333

■ 4545394

■ 13164282

■ 2966618

■ 15006719

■ 1387842

■ 6444

■ 279

■ 0

■ 7835046

■ 7835046

■ 6718630

■ 8951462

■ 5667750

■ 10002342

■ 4551590

■ 11118502

■ 3500710

■ 12169382

■ 2384294

■ 13285798

■ 1267878

■ 14402214

■ 216998

■ 15453094

■ 20134

■ 16569510

■ 16768166

Harmonies

Analogous

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



6918560



7835046



9013412

Triad

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



7835046



11043456



8032634

Complementary

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



7835046



10915959

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.



9080177



7835046



10716277

Square

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



7835046



10846607



10062191



7115655

Rectangle

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



7835046



9799071



10062191



8360054

Sweetspot

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



7835046



13095129



7841423



6514798



15592941



7237230

Same Dimension

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



7835046



9417433



7894950



5001300



17812



2580

Inverse Universe

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



10909581



14258098



10856055



5524560



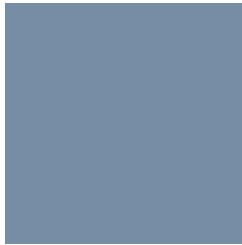
9699397



1310730

Previews

White Background



This preview shows how the Decimal color 7835046 looks on a white background.

Color Contrast Check

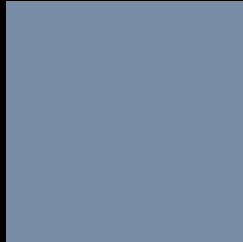
Large Text (above 18pt) WCAG AA ✓ Pass

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 7835046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

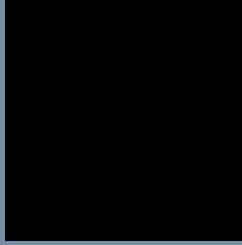
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

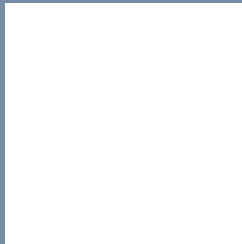
Any Text WCAG AAA × Fail

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

Decimal 7835046 Background



This preview shows how black text looks on a background with the Decimal color 7835046.

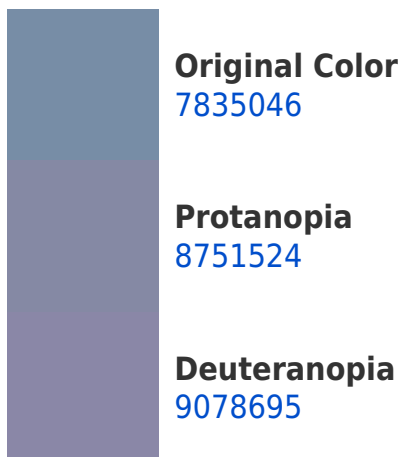


This preview shows how white text looks on a background with the Decimal color 7835046.

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
7704474

Trichromacy



Original Color
7835046

Protanomaly
8424101

Deuteranomaly
8620455

Tritanomaly
7769758

Monochromacy



Original Color
7835046

Achromatopsia
9013641

Achromatomaly
8555156

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7835046 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 #778DA6 looks like.

```
.text, #text, p{  
    color:#778DA6  
}
```

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 #778DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778DA6  
}
```

Border

The CSS property to change the border of an element to Decimal 7835046 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  
#778DA6 }
```

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

```
.border{ border-color:#778DA6 }
```

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

Here you see how a box with a 4 pixel #778DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778DA6; -webkit-box-shadow:4px 4px  
4px 4px #778DA6; box-shadow:4px 4px 4px  
4px #778DA6 }
```

Background

The CSS property to change the background color of an element to Decimal 7835046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778DA6 }
```

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

```
.background{ background-color:#778DA6 }
```

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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