

Converting Colors

Decimal(7834066)

Have a look what the booklet for
Decimal(7834066) contains.

Decimal(7834066)	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(7834066)

Conversions

Conversions Part 1

Format	Color
Hex	7789D2
RGB	119, 137, 210
RGB Percent	47%, 54%, 82%
CMY	0.5333, 0.4627, 0.1765
CMYK	0.43, 0.35, 0.00, 0.18
HSL	228°, 50%, 65%
HSV	228°, 43%, 82%
XYZ	28.1863, 26.4664, 64.5957
YIQ	139.9400, -34.1610, 18.8870

Conversions

Conversions Part 2

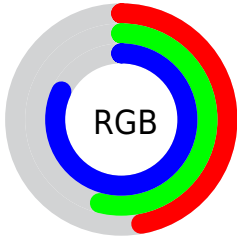
Format	Color
RYB	119, 134, 210
Decimal	7834066
CIELab	58.48, 12.41, -39.64
CIElCh	58, 41.539, 287.378
Yxy	26.4664, 0.2364, 0.2219
Android (android.graphics.Color)	4286024146 (0xFF7789D2)
YUV	139.9400, 34.5396, -18.3644
Hunter-Lab	51.4455, 7.7680, -38.4335

Details

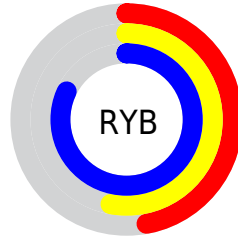
The Decimal color **7834066** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13811831**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **11517695**, and **4216731** is the 20% darker color. If you saturate the color by 10%, you get **6453458**, and if you desaturate by 10%, it is **9214674**.

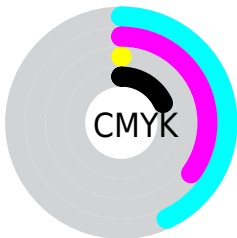
Distribution



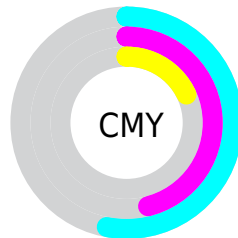
- Red (47%)
- Green (54%)
- Blue (82%)



- Red (47%)
- Yellow (53%)
- Blue (82%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7834066 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 7834066 by changing the saturation by 10% instead.

■ 7834066

■ 7834066

16777215

■ 6058166

■ 11517695

■ 4216731

■ 13359871

■ 2244737

■ 15267583

■ 11111

■ 5967

■ 55

■ 545

■ 6

■ 0

■ 7834066

■ 7834066

■ 6453458

■ 9214674

■ 5072850

■ 10595282

■ 3692242

■ 11975890

■ 2311890

■ 13356242

■ 931282

■ 14736850

■ 10962

■ 16117458

■ 16777170

Harmonies

Analogous

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



2069971



7834066



11172798

Triad

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



7834066



13138009



2662012

Complementary

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



7834066



13811831

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.



6593114



7834066



11568453

Square

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



7834066



13791097



9343301



40865

Rectangle

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



7834066



12678057



9343301



4300143

Sweetspot

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



7834066



14607615



7852736



7040896



0



8421504

Same Dimension

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



7834066



8033791



9598930



6185065



8616



2089

Inverse Universe

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



13793161



16743061



12046967



6905440



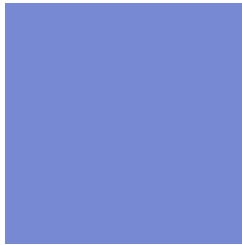
11010081



2686984

Previews

White Background



This preview shows how the Decimal color 7834066 looks on a white background.

Color Contrast Check

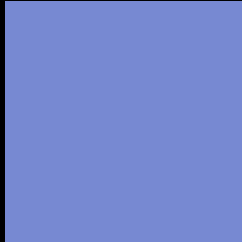
Large Text (above 18pt) WCAG AA ✓ Pass

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 7834066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

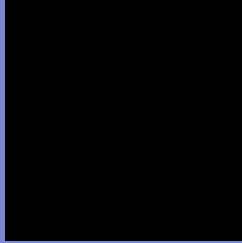
Any Text WCAG AA ✓ Pass

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 7834066 Background



This preview shows how black text looks on a background with the Decimal color 7834066.



This preview shows how white text looks on a background with the Decimal color 7834066.

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

7834066

Protanopia

7572179

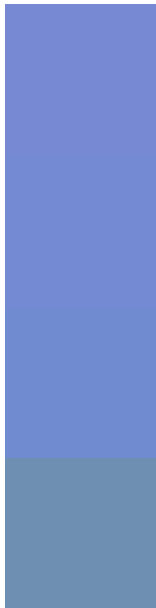
Deuteranopia

7179473



Tritanopia
6919071

Trichromacy



Original Color
7834066

Protanomaly
7637715

Deuteranomaly
7441361

Tritanomaly
7245746

Monochromacy



Original Color
7834066

Achromatopsia
9211020

Achromatomaly
8686501

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7834066 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 #7789D2 looks like.

```
.text, #text, p{  
    color:#7789D2  
}
```

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 #7789D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7789D2
}
```

Border

The CSS property to change the border of an element to Decimal 7834066 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
#7789D2 }
```

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

```
.border{ border-color:#7789D2 }
```

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

Here you see how a box with a 4 pixel #7789D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7789D2; -webkit-box-shadow:4px 4px  
4px 4px #7789D2; box-shadow:4px 4px 4px  
4px #7789D2 }
```

Background

The CSS property to change the background color of an element to Decimal 7834066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7789D2 }
```

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

```
.background{ background-color:#7789D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor