

Converting Colors

Decimal(8357832)

Have a look what the booklet for
Decimal(8357832) contains.

Decimal(8357832)	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(8357832)

Conversions

Conversions Part 1

Format	Color
Hex	7F87C8
RGB	127, 135, 200
RGB Percent	50%, 53%, 78%
CMY	0.5020, 0.4706, 0.2157
CMYK	0.36, 0.32, 0.00, 0.22
HSL	233°, 40%, 64%
HSV	233°, 36%, 78%
XYZ	27.8417, 26.0101, 58.1966
YIQ	140.0180, -25.6330, 18.5190

Conversions

Conversions Part 2

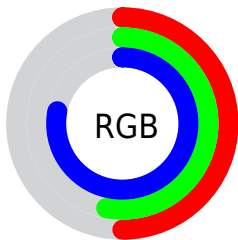
Format	Color
RYB	127, 134, 200
Decimal	8357832
CIELab	58.05, 12.90, -34.64
CIELCh	58, 36.966, 290.421
Yxy	26.0101, 0.2485, 0.2321
Android (android.graphics.Color)	4286547912 (0xFF7F87C8)
YUV	140.0180, 29.5711, -11.4168
Hunter-Lab	51.0001, 8.1956, -31.9562

Details

The Decimal color **8357832** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13156479**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **11975935**, and **4871826** is the 20% darker color. If you saturate the color by 10%, you get **7042504**, and if you desaturate by 10%, it is **9673160**.

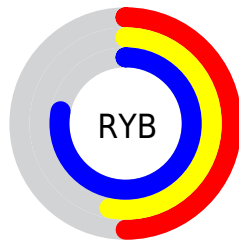
Distribution



Red (50%)

Green (53%)

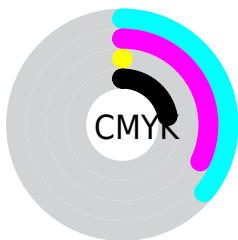
Blue (78%)



Red (50%)

Yellow (53%)

Blue (78%)

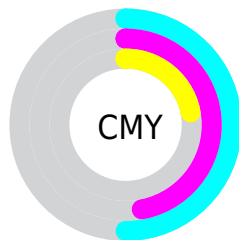


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (50%)

Magenta (47%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8357832 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 8357832 by changing the saturation by 10% instead.

■ 8357832

■ 8357832

16777215

■ 6581932

■ 11975935

■ 4871826

■ 13818111

■ 3161720

■ 15725823

■ 1190239

■ 5447

■ 48

■ 282

■ 0

■ 8357832

■ 8357832

■ 7042504

■ 9673160

■ 5727176

■ 10988488

■ 4412104

■ 12303560

■ 3096776

■ 13618888

■ 1781448

■ 14934216

■ 466120

■ 16249544

■ 5832

■ 16777160

Harmonies

Analogous

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



4428491



8357832



11172789

Triad

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



8357832



12614491



3513472

Complementary

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



8357832



13156479

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.



6592609



8357832



11109963

Square

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



8357832



13267831



9080909



40097

Rectangle

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



8357832



12416418



9080909



4692853

Sweetspot

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



8357832



14935807



8374463



7303552



0



8421504

Same Dimension

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



8357832



9411583



10190792



5921635



4771



1060

Inverse Universe

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



13139847



16748443



11323519



6511195



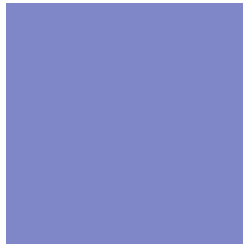
10682386



2359300

Previews

White Background



This preview shows how the Decimal color 8357832 looks on a white background.

Color Contrast Check

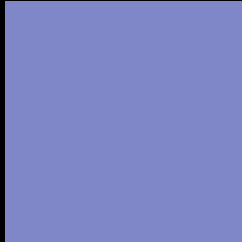
Large Text (above 18pt) WCAG AA ✓ Pass

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 8357832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

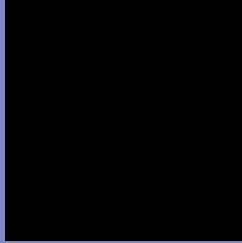
Any Text WCAG AA ✓ Pass

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 8357832 Background



This preview shows how black text looks on a background with the Decimal color 8357832.



This preview shows how white text looks on a background with the Decimal color 8357832.

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
8357832

Protanopia
7768522

Deuteranopia
7637703



Tritanopia
7704731

Trichromacy



Original Color
8357832

Protanomaly
7964873

Deuteranomaly
7899591

Tritanomaly
7966123

Monochromacy



Original Color
8357832

Achromatopsia
9211020

Achromatomaly
8882850

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8357832 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 #7F87C8 looks like.

```
.text, #text, p{  
    color:#7F87C8  
}
```

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 #7F87C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F87C8  
}
```

Border

The CSS property to change the border of an element to Decimal 8357832 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  
#7F87C8 }
```

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

```
.border{ border-color:#7F87C8 }
```

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

Here you see how a box with a 4 pixel #7F87C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F87C8; -webkit-box-shadow:4px 4px  
4px 4px #7F87C8; box-shadow:4px 4px 4px  
4px #7F87C8 }
```

Background

The CSS property to change the background color of an element to Decimal 8357832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F87C8 }
```

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

```
.background{ background-color:#7F87C8 }
```

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