

Converting Colors

Decimal(7959258)

Have a look what the booklet for
Decimal(7959258) contains.

Decimal(7959258)	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(7959258)

Conversions

Conversions Part 1

Format	Color
Hex	7972DA
RGB	121, 114, 218
RGB Percent	47%, 45%, 85%
CMY	0.5255, 0.5529, 0.1451
CMYK	0.44, 0.48, 0.00, 0.15
HSL	244°, 58%, 65%
HSV	244°, 48%, 85%
XYZ	26.5574, 21.1615, 69.0145
YIQ	127.9490, -29.2120, 33.8280

Conversions

Conversions Part 2

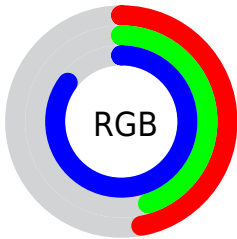
Format	Color
RYB	121, 114, 218
Decimal	7959258
CIELab	53.13, 28.92, -52.62
CIELCh	53, 60.042, 298.796
Yxy	21.1615, 0.2275, 0.1813
Android (android.graphics.Color)	4286149338 (0xFF7972DA)
YUV	127.9490, 44.3951, -6.0943
Hunter-Lab	46.0017, 22.5475, -56.7493

Details

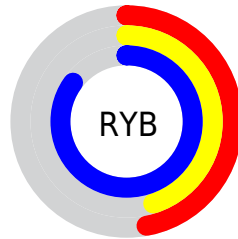
The Decimal color **7959258** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **13884018**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **11708159**, and **4211362** is the 20% darker color. If you saturate the color by 10%, you get **6642906**, and if you desaturate by 10%, it is **9275610**.

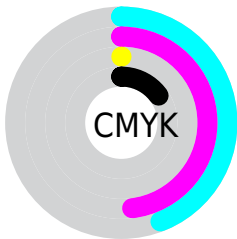
Distribution



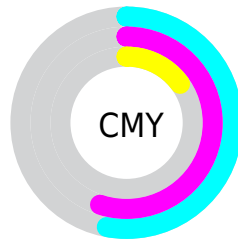
- Red (47%)
- Green (45%)
- Blue (85%)



- Red (47%)
- Yellow (45%)
- Blue (85%)



- Cyan (44%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7959258 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 7959258 by changing the saturation by 10% instead.

■ 7959258

■ 7959258

16777215

■ 6117822

■ 11708159

■ 4211362

■ 13615615

■ 2043016

■ 15523327

■ 5998

■ 16775935

■ 85

■ 1597

■ 550

■ 271

■ 0

■ 7959258

■ 7959258

■ 6642906

■ 9275610

■ 5261018

■ 10657498

■ 3944922

■ 11973594

■ 2628570

■ 13289946

■ 1246682

■ 14671834

■ 983258

■ 15988186

■ 16777178

Harmonies

Analogous

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



34535



7959258



12278453

Triad

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



7959258



12674851



38523

Complementary

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



7959258



13884018

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.



37702



7959258



10058752

Square

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



7959258



14176848



6785557



38575

Rectangle

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



7959258



13782421



6785557



38505

Sweetspot

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



7959258



14605311



7525338



7039616



0



8421504

Same Dimension

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



7959258



7827199



11367130



6513518



786605



196654

Inverse Universe

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



14316243



16740085



10476146



7234413



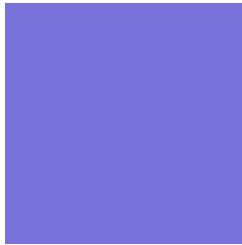
11337890



3014699

Previews

White Background



This preview shows how the Decimal color 7959258 looks on a white background.

Color Contrast Check

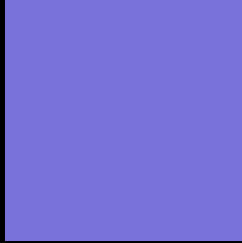
Large Text (above 18pt) WCAG AA ✓ Pass

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 7959258 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 7959258 Background



This preview shows how black text looks on a background with the Decimal color 7959258.



This preview shows how white text looks on a background with the Decimal color 7959258.

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
6653070

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7959258 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 #7972DA looks like.

```
.text, #text, p{  
    color:#7972DA  
}
```

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 #7972DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7972DA
}
```

Border

The CSS property to change the border of an element to Decimal 7959258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

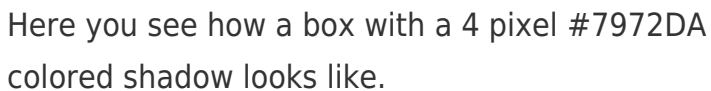
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7972DA }
```

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

```
.border{ border-color:#7972DA }
```

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7972DA colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #7972DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7972DA; -webkit-box-shadow:4px 4px  
4px 4px #7972DA; box-shadow:4px 4px 4px  
4px #7972DA }
```

Background

The CSS property to change the background color of an element to Decimal 7959258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7972DA }
```

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

```
.background{ background-color:#7972DA }
```

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