

Converting Colors

Decimal(7895953)

Have a look what the booklet for
Decimal(7895953) contains.

Decimal(7895953)	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(7895953)

Conversions

Conversions Part 1

Format	Color
Hex	787B91
RGB	120, 123, 145
RGB Percent	47%, 48%, 57%
CMY	0.5294, 0.5176, 0.4314
CMYK	0.17, 0.15, 0.00, 0.43
HSL	233°, 10%, 52%
HSV	233°, 17%, 57%
XYZ	19.9395, 20.2033, 29.6368
YIQ	124.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

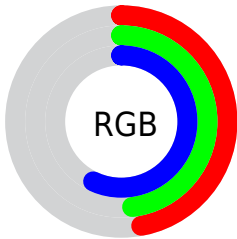
Format	Color
R_{YB}	120, 123, 145
Decimal	7895953
CIE _{Lab}	52.07, 3.71, -12.26
CIE _{LCh}	52, 12.807, 286.820
Yxy	20.2033, 0.2857, 0.2895
Android (android.graphics.Color)	4286086033 (0xFF787B91)
YUV	124.6110, 10.0518, -4.0438
Hunter-Lab	44.9481, 0.5256, -7.6295

Details

The Decimal color **7895953** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9539192**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **11317191**, and **4672095** is the 20% darker color. If you saturate the color by 10%, you get **6975121**, and if you desaturate by 10%, it is **8882321**.

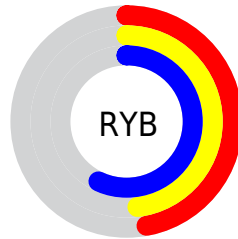
Distribution



Red (47%)

Green (48%)

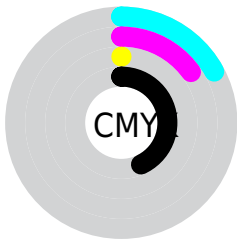
Blue (57%)



Red (47%)

Yellow (48%)

Blue (57%)

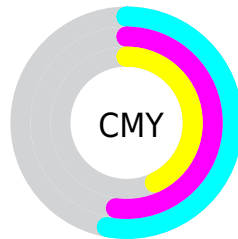


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7895953 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 7895953 by changing the saturation by 10% instead.

■ 7895953

■ 7895953

16777215

■ 6251127

■ 11317191

■ 4672095

■ 13159395

■ 3159111

■ 15001599

■ 1777456

■ 198172

■ 0

■ 7895953

■ 7895953

■ 6975121

■ 8882321

■ 5988753

■ 9803153

■ 5068177

■ 10789265

■ 4081809

■ 11710097

■ 3095441

■ 12696465

■ 2174609

■ 13617297

■ 1254033

■ 14603409

■ 267665

■ 15524241

■ 4497

■ 16510609

Harmonies

Analogous

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



6979473



7895953



8812427

Triad

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



7895953



9533293



6718071

Complementary

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



7895953



9539192

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.



7503981



7895953



9075303

Square

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



7895953



9663862



8289639



6325122

Rectangle

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



7895953



9270917



8289639



6980211

Sweetspot

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



7895953



11777213



7901582



5855582



14606046



6184542

Same Dimension

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



7895953



9804477



8485009



4211015



4231



264

Inverse Universe

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



9533563



12424602



8950136



4669505



8847376



524289

Previews

White Background



This preview shows how the Decimal color 7895953 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 7895953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

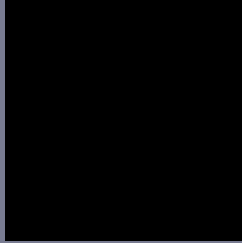
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

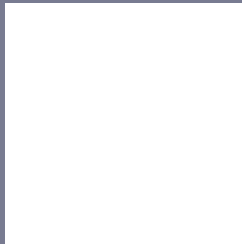
Any Text WCAG AAA × Fail

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

Decimal 7895953 Background



This preview shows how black text looks on a background with the Decimal color 7895953.



This preview shows how white text looks on a background with the Decimal color 7895953.

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](#).

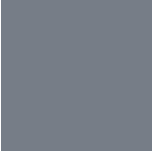
Dichromacy



Original Color
7895953

Protanopia
7895953

Deuteranopia
8288657



Tritanopia
7765383

Trichromacy



Original Color
7895953

Protanomaly
7895953

Deuteranomaly
8157841

Tritanomaly
7830667

Monochromacy



Original Color
7895953

Achromatopsia
8224125

Achromatomaly
8092804

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7895953 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 #787B91 looks like.

```
.text, #text, p{  
  color:#787B91  
}
```

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 #787B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787B91
}
```

Border

The CSS property to change the border of an element to Decimal 7895953 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
#787B91 }
```

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

```
.border{ border-color:#787B91 }
```

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

Here you see how a box with a 4 pixel #787B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787B91; -webkit-box-shadow:4px 4px  
4px 4px #787B91; box-shadow:4px 4px 4px  
4px #787B91 }
```

Background

The CSS property to change the background color of an element to Decimal 7895953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787B91 }
```

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

```
.background{ background-color:#787B91 }
```

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