

Converting Colors

Decimal(7895216)

Have a look what the booklet for
Decimal(7895216) contains.

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Color

Decimal(7895216)

Conversions

Conversions Part 1

Format	Color
Hex	7878B0
RGB	120, 120, 176
RGB Percent	47%, 47%, 69%
CMY	0.5294, 0.5294, 0.3098
CMYK	0.32, 0.32, 0.00, 0.31
HSL	240°, 26%, 58%
HSV	240°, 32%, 69%
XYZ	22.2987, 20.5606, 43.8676
YIQ	126.3840, -17.9760, 17.4160

Conversions

Conversions Part 2

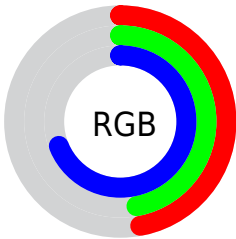
Format	Color
R_{YB}	120, 120, 176
Decimal	7895216
CIE _{Lab}	52.47, 13.27, -29.67
CIE _{LCh}	52, 32.504, 294.095
Yxy	20.5606, 0.2571, 0.2371
Android (android.graphics.Color)	4286085296 (0xFF7878B0)
YUV	126.3840, 24.4607, -5.5988
Hunter-Lab	45.3438, 8.4291, -25.6191

Details

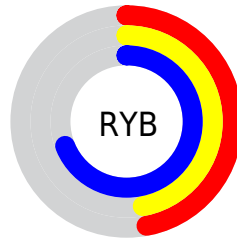
The Decimal color **7895216** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11579512**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **11447528**, and **4540539** is the 20% darker color. If you saturate the color by 10%, you get **6710960**, and if you desaturate by 10%, it is **9079472**.

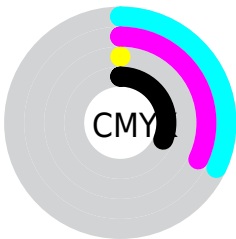
Distribution



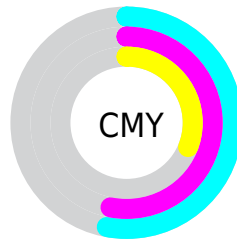
- Red (47%)
- Green (47%)
- Blue (69%)



- Red (47%)
- Yellow (47%)
- Blue (69%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7895216 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 7895216 by changing the saturation by 10% instead.

■ 7895216

■ 7895216

16777215

■ 6184853

■ 11447528

■ 4540539

■ 13289471

■ 2896226

■ 15131903

■ 1187146

■ 819

■ 541

■ 0

■ 7895216

■ 7895216

■ 6710960

■ 9079472

■ 5592496

■ 10197936

■ 4408240

■ 11382192

■ 3289776

■ 12500656

■ 2105520

■ 13684912

■ 921264

■ 14869168

■ 176

■ 15987632

■ 16777136

Harmonies

Analogous

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



4752052



7895216



10186398

Triad

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



7895216



11104337



3116151

Complementary

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



7895216



11579512

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.



5802075



7895216



9730629

Square

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



7895216



11757672



7897673



35987

Rectangle

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



7895216



11168141



7897673



4098925

Sweetspot

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



7895216



13619174



7909552



6645107



15921906



7566195

Same Dimension

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



7895216



9342694



9730224



5263449



153



26

Inverse Universe

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



11565232



15109862



9744504



5853273



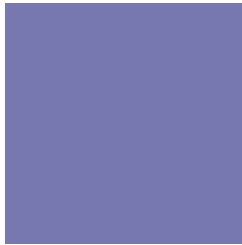
10027161



1703962

Previews

White Background



This preview shows how the Decimal color 7895216 looks on a white background.

Color Contrast Check

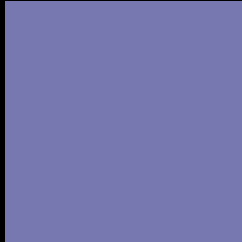
Large Text (above 18pt) WCAG AA ✓ Pass

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 7895216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

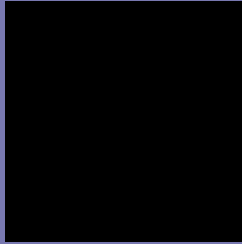
Any Text WCAG AA ✓ Pass

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 7895216 Background



This preview shows how black text looks on a background with the Decimal color 7895216.



This preview shows how white text looks on a background with the Decimal color 7895216.

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](#).

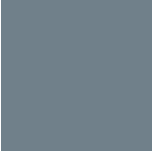
Dichromacy



Original Color
7895216

Protanopia
7109555

Deuteranopia
7109807



Tritanopia
7372938

Trichromacy



Original Color
7895216

Protanomaly
7371442

Deuteranomaly
7371695

Tritanomaly
7568792

Monochromacy



Original Color
7895216

Achromatopsia
8289918

Achromatomaly
8158352

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7895216 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 #7878B0 looks like.

```
.text, #text, p{  
    color:#7878B0  
}
```

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 #7878B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7878B0
}
```

Border

The CSS property to change the border of an element to Decimal 7895216 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".

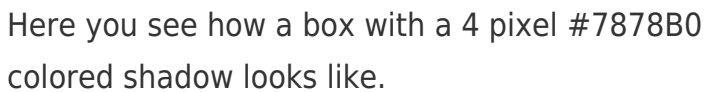
```
.border, #border, table{ border:4px solid
#7878B0 }
```

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

```
.border{ border-color:#7878B0 }
```

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

Here you see how a box with a 4 pixel #7878B0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7878B0; -webkit-box-shadow:4px 4px  
4px 4px #7878B0; box-shadow:4px 4px 4px  
4px #7878B0 }
```

Background

The CSS property to change the background color of an element to Decimal 7895216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7878B0 }
```

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

```
.background{ background-color:#7878B0 }
```

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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