

Converting Colors

Decimal(7829937)

Have a look what the booklet for
Decimal(7829937) contains.

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Color

Decimal(7829937)

Conversions

Conversions Part 1

Format	Color
Hex	7779B1
RGB	119, 121, 177
RGB Percent	47%, 47%, 69%
CMY	0.5333, 0.5255, 0.3059
CMYK	0.33, 0.32, 0.00, 0.31
HSL	238°, 27%, 58%
HSV	238°, 33%, 69%
XYZ	22.3809, 20.7710, 44.4246
YIQ	126.7860, -19.1680, 16.9920

Conversions

Conversions Part 2

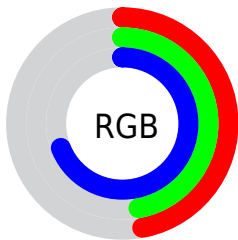
Format	Color
R_{YB}	119, 121, 177
Decimal	7829937
CIE _{Lab}	52.70, 12.64, -29.89
CIE _{LCh}	53, 32.457, 292.929
Yxy	20.7710, 0.2556, 0.2372
Android (android.graphics.Color)	4286020017 (0xFF7779B1)
YUV	126.7860, 24.7555, -6.8283
Hunter-Lab	45.5752, 7.9006, -25.8904

Details

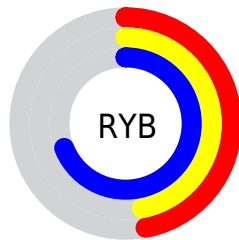
The Decimal color **7829937** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11644791**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11382249**, and **4475260** is the 20% darker color. If you saturate the color by 10%, you get **6645937**, and if you desaturate by 10%, it is **9013937**.

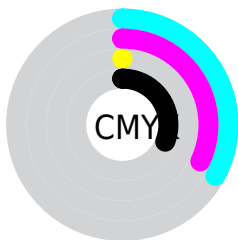
Distribution



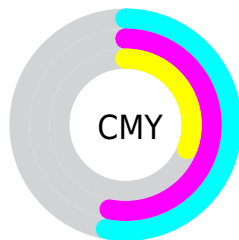
- Red (47%)
- Green (47%)
- Blue (69%)



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



- Cyan (33%)
- Magenta (32%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 7829937 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 7829937 by changing the saturation by 10% instead.

■ 7829937

■ 7829937

16777215

■ 6119574

■ 11382249

■ 4475260

■ 13224447

■ 2830947

■ 15066623

■ 1056075

■ 1076

■ 542

■ 0

■ 7829937

■ 7829937

■ 6645937

■ 9013937

■ 5527473

■ 10132401

■ 4343473

■ 11316401

■ 3159473

■ 12500401

■ 2041009

■ 13684401

■ 856753

■ 14803121

■ 1713

■ 15987121

■ 16777137

Harmonies

Analogous

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



4686773



7829937



10121120

Triad

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



7829937



11169874



3312758

Complementary

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



7829937



11644791

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.



5933403



7829937



9861702

Square

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



7829937



11823465



8029001



35987

Rectangle

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



7829937



11168399



8029001



4229996

Sweetspot

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



7829937



13619174



7844270



6645107



15921906



7566195

Same Dimension

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



7829937



9211878



9533361



5263705



1433



282

Inverse Universe

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



11630457



15109263



9941367



5853265



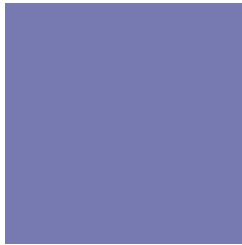
10027013



1703937

Previews

White Background



This preview shows how the Decimal color 7829937 looks on a white background.

Color Contrast Check

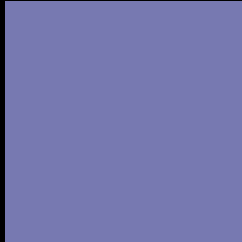
Large Text (above 18pt) WCAG AA ✓ Pass

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 7829937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

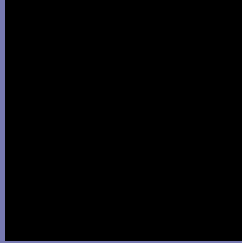
Any Text WCAG AA ✓ Pass

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 7829937 Background



This preview shows how black text looks on a background with the Decimal color 7829937.



This preview shows how white text looks on a background with the Decimal color 7829937.

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
7829937

Protanopia
7109811

Deuteranopia
7109808



Tritanopia
7307403

Trichromacy



Original Color
7829937

Protanomaly
7371698

Deuteranomaly
7371696

Tritanomaly
7503257

Monochromacy



Original Color
7829937

Achromatopsia
8355711

Achromatomaly
8158609

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7829937 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 #7779B1 looks like.

```
.text, #text, p{  
    color:#7779B1  
}
```

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 #7779B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7779B1
}
```

Border

The CSS property to change the border of an element to Decimal 7829937 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
#7779B1 }
```

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

```
.border{ border-color:#7779B1 }
```

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

Here you see how a box with a 4 pixel #7779B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7779B1; -webkit-box-shadow:4px 4px  
4px 4px #7779B1; box-shadow:4px 4px 4px  
4px #7779B1 }
```

Background

The CSS property to change the background color of an element to Decimal 7829937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7779B1 }
```

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

```
.background{ background-color:#7779B1 }
```

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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