

Converting Colors

Hex(257AA8)

Have a look what the booklet for
Hex(257AA8) contains.

Hex(257AA8)	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

Hex(257AA8)

Conversions

Conversions Part 1

Format	Color
Hex	257AA8
RGB	37, 122, 168
RGB Percent	15%, 48%, 66%
CMY	0.8549, 0.5216, 0.3412
CMYK	0.78, 0.27, 0.00, 0.34
HSL	201°, 64%, 40%
HSV	201°, 78%, 66%
XYZ	14.7904, 17.1395, 39.5745
YIQ	101.8290, -65.4260, -3.7140

Conversions

Conversions Part 2

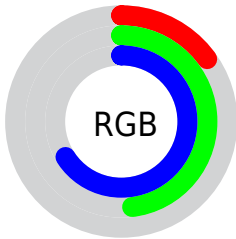
Format	Color
R_{YB}	37, 89, 168
Decimal	2456232
CIE _{Lab}	48.44, -8.80, -31.63
CIE _{LCh}	48, 32.836, 254.451
Yxy	17.1395, 0.2068, 0.2397
Android (android.graphics.Color)	4280646312 (0xFF257AA8)
YUV	101.8290, 32.6223, -56.8550
Hunter-Lab	41.3999, -8.6797, -27.6958

Details

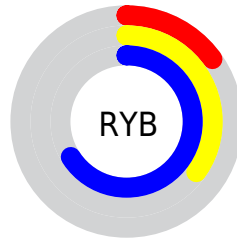
The Hex color **257AA8** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A85325**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66AEDF**, and **004A74** is the 20% darker color. If you saturate the color by 10%, you get **1474A8**, and if you desaturate by 10%, it is **3680A8**.

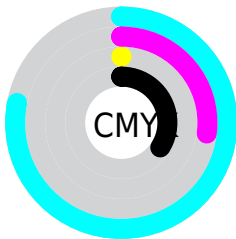
Distribution



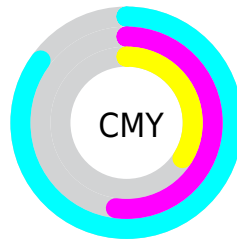
- Red (15%)
- Green (48%)
- Blue (66%)



- Red (15%)
- Yellow (35%)
- Blue (66%)



- Cyan (78%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (85%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257AA8 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 Hex color 257AA8 by changing the saturation by 10% instead.

■ 257AA8

■ 257AA8

FFFFFF

■ 00618D

■ 66AEDF

■ 004A74

■ 83CAFC

■ 00335B

■ A0E6FF

■ 001E43

■ BDFFFF

■ 00032D

■ DBFFFF

■ 000117

■ F9FFFF

■ 000000

■ 257AA8

■ 257AA8

■ 1474A8

■ 3680A8

■ 036EA8

■ 4786A8

■ 006DA8

■ 578CA8

■ 6892A8

■ 7997A8

■ 8A9DA8

■ 9BA3A8

■ ABA9A8

■ BCAFA8

Harmonies

Analogous

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



007F99



257AA8



5F71A9

Triad

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



257AA8



A85D67



587D4A

Complementary

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



257AA8



A85325

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.



77763C



257AA8



A2634D

Square

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



257AA8



A05E83



916C3D



318163

Rectangle

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



257AA8



7B6AA1



916C3D



637B44

Sweetspot

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



257AA8



A9CADB



25A853



4F636E



EDEDED



6E6E6E

Same Dimension

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



257AA8



0D93DB



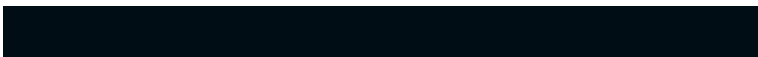
2539A8



4C5154



006094



000D14

Inverse Universe

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



A8257A



DB0D93



A89425



544C51



940060



14000D

Previews

White Background



This preview shows how the Hex color 257AA8 looks on a white background.

Color Contrast Check

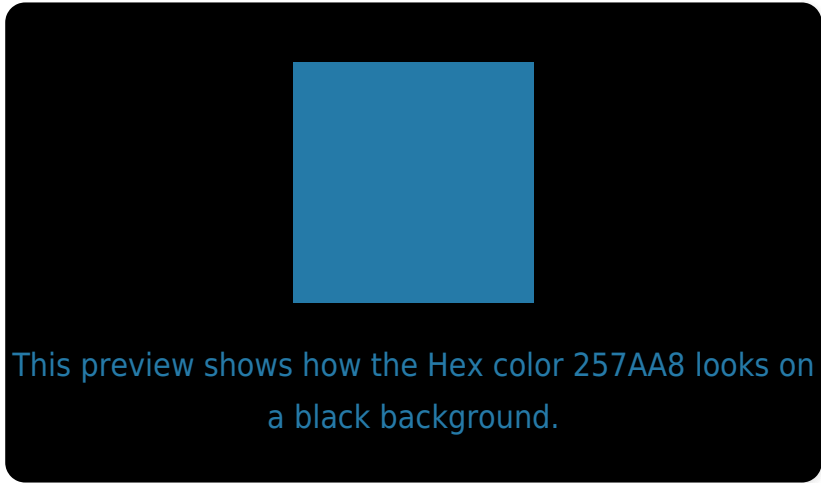
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

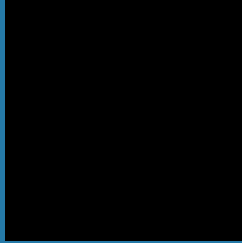
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 257AA8 Background



This preview shows how black text looks on a background with the Hex color 257AA8.

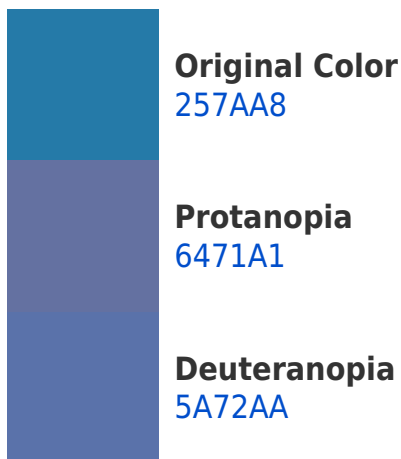


This preview shows how white text looks on a background with the Hex color 257AA8.

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](#).

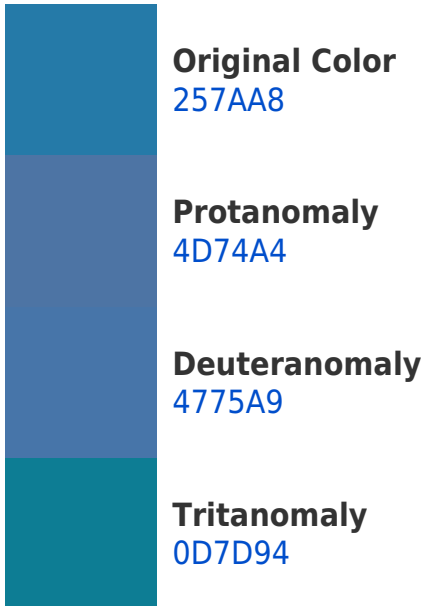
Dichromacy





Tritanopia
007F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 257AA8 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 #257AA8 looks like.

```
.text, #text, p{  
    color:#257AA8  
}
```

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 #257AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257AA8
}
```

Border

The CSS property to change the border of an element to Hex 257AA8 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
#257AA8 }
```

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

```
.border{ border-color:#257AA8 }
```

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

Here you see how a box with a 4 pixel #257AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257AA8; -webkit-box-shadow:4px 4px  
4px 4px #257AA8; box-shadow:4px 4px 4px  
4px #257AA8 }
```

Background

The CSS property to change the background color of an element to Hex 257AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257AA8 }
```

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

```
.background{ background-color:#257AA8 }
```

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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