

Converting Colors

Hex(257A93)

Have a look what the booklet for
Hex(257A93) contains.

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Color

Hex(257A93)

Conversions

Conversions Part 1

Format	Color
Hex	257A93
RGB	37, 122, 147
RGB Percent	15%, 48%, 58%
CMY	0.8549, 0.5216, 0.4235
CMYK	0.75, 0.17, 0.00, 0.42
HSL	194°, 60%, 36%
HSV	194°, 75%, 58%
XYZ	12.9889, 16.4190, 30.0884
YIQ	99.4350, -58.6850, -10.2450

Conversions

Conversions Part 2

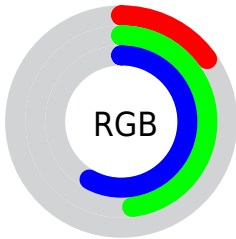
Format	Color
R_{YB}	37, 85, 147
Decimal	2456211
CIE _{Lab}	47.52, -16.25, -20.75
CIE _{LCh}	48, 26.357, 231.941
Yxy	16.4190, 0.2183, 0.2760
Android (android.graphics.Color)	4280646291 (0xFF257A93)
YUV	99.4350, 23.4495, -54.7555
Hunter-Lab	40.5203, -13.6917, -15.6615

Details

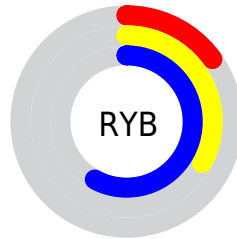
The Hex color **257A93** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **933E25**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63AFC9**, and **004960** is the 20% darker color. If you saturate the color by 10%, you get **167793**, and if you desaturate by 10%, it is **347D93**.

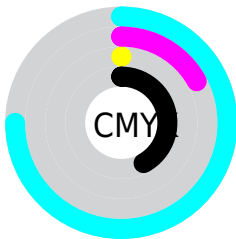
Distribution



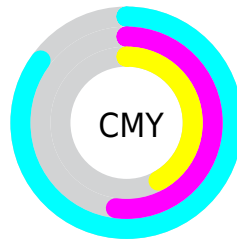
- Red (15%)
- Green (48%)
- Blue (58%)



- Red (15%)
- Yellow (33%)
- Blue (58%)



- Cyan (75%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257A93 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 257A93 by changing the saturation by 10% instead.

■ 257A93

■ 257A93

FFFFFF

■ 006179

■ 63AFC9

■ 004960

■ 7FCAE5

■ 003248

■ 9BE6FF

■ 001E32

■ B8FFFF

■ 00021D

■ D5FFFF

■ 000000

■ F3FFFF

■ 257A93

■ 257A93

■ 167793

■ 347D93

087393

428193

007293

518493

608793

6F8B93

7D8E93

8C9193

9B9593

A99893

Harmonies

Analogous

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



207D81



257A93



47759C

Triad

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



257A93



986078



6F7447

Complementary

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



257A93



933E25

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.



856D45



257A93



9C6061

Square

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



257A93



87658C



95664F



557A55

Rectangle

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



257A93



60709C



95664F



777245

Sweetspot

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



257A93



95B6BF



25933D



485B61



E0E0E0



616161

Same Dimension

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



257A93



1398BF



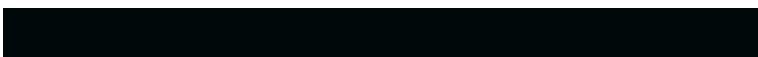
254493



43484A



006A8A



00080A

Inverse Universe

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



93257A



BF1398



937425



4A4348



8A006A



0A0008

Previews

White Background



This preview shows how the Hex color 257A93 looks on a white background.

Color Contrast Check

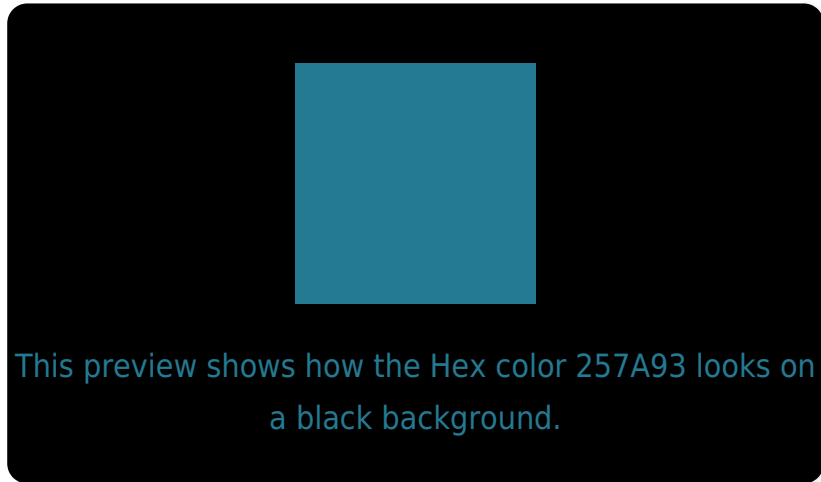
Large Text (above 18pt) WCAG AA ✓ Pass

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

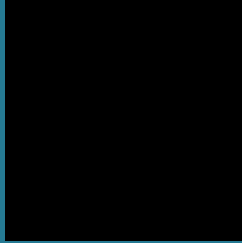
Any Text WCAG AA × Fail

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 257A93 Background



This preview shows how black text looks on a background with the Hex color 257A93.

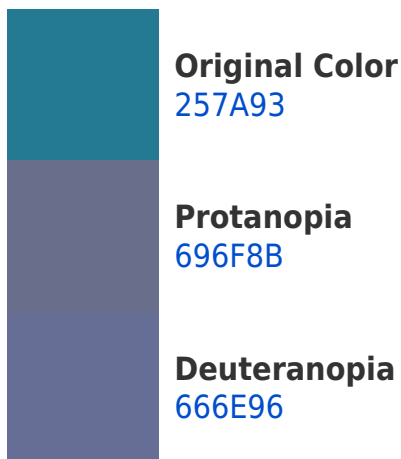


This preview shows how white text looks on a background with the Hex color 257A93.

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](#).

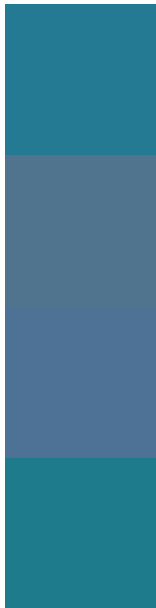
Dichromacy





Tritanopia
1A7C86

Trichromacy



Original Color
257A93

Protanomaly
50738E

Deuteranomaly
4E7295

Tritanomaly
1E7B8B

Monochromacy



Original Color
257A93

Achromatopsia
636363

Achromatomaly
4C6B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 257A93 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 #257A93 looks like.

```
.text, #text, p{  
    color:#257A93  
}
```

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 #257A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257A93
}
```

Border

The CSS property to change the border of an element to Hex 257A93 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
#257A93 }
```

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

```
.border{ border-color:#257A93 }
```

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

Here you see how a box with a 4 pixel #257A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257A93; -webkit-box-shadow:4px 4px  
4px 4px #257A93; box-shadow:4px 4px 4px  
4px #257A93 }
```

Background

The CSS property to change the background color of an element to Hex 257A93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257A93 }
```

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

```
.background{ background-color:#257A93 }
```

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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