

Converting Colors

Hex(37918B)

Have a look what the booklet for
Hex(37918B) contains.

Hex(37918B)	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(37918B)

Conversions

Conversions Part 1

Format	Color
Hex	37918B
RGB	55, 145, 139
RGB Percent	22%, 57%, 55%
CMY	0.7843, 0.4314, 0.4549
CMYK	0.62, 0.00, 0.04, 0.43
HSL	176°, 45%, 39%
HSV	176°, 62%, 57%
XYZ	16.3611, 22.9271, 27.9891
YIQ	117.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

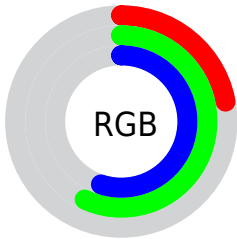
Format	Color
R _Y B	55, 102, 145
Decimal	3641739
CIE Lab	55.00, -27.88, -4.76
CIE LCh	55, 28.286, 189.683
Yxy	22.9271, 0.2432, 0.3408
Android (android.graphics.Color)	4281831819 (0xFF37918B)
YUV	117.4060, 10.6458, -54.7301
Hunter-Lab	47.8823, -22.8013, -1.1399

Details


The Hex color **37918B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91373D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **70C7C0**, and **005E59** is the 20% darker color. If you saturate the color by 10%, you get **29918A**, and if you desaturate by 10%, it is **46918C**.

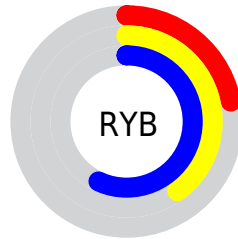
Distribution



 Red (22%)

 Green (57%)

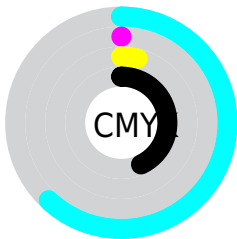
 Blue (55%)




 Red (22%)

 Yellow (40%)

 Blue (57%)

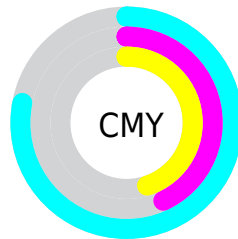


 Cyan (62%)


 Magenta (0%)

 Yellow (4%)

 Black (43%)



 Cyan (78%)

 Magenta (43%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37918B 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 37918B by changing the saturation by 10% instead.



37918B



37918B

FFFFFF



137772



70C7C0



005E59



8CE4DC



004642



A9FFF9



002F2C



C5FFFF



001B17



E3FFFF



000000



37918B



37918B



29918A



46918C



1A9189



54918D

0B9188

62918E

009187

71918F

7F9190

8E9191

9D9192

AB9193

BA9194

Harmonies

Analogous

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



549072



37918B



2C8FA2

Triad

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



37918B



917AA9



A37C56

Complementary

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



37918B



91373D

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.



B17566



37918B



A97395

Square

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



37918B



6E83B4



B4717C



8C8553

Rectangle

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



37918B



3C8DAD



B4717C



A87A5A

Sweetspot

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



37918B



99BDBA



3D9137



495E5D



DEDEDE



5E5E5E

Same Dimension

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



37918B



31BDB3



376A91



404747



00877E



000807

Inverse Universe

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



91373D



BD313A



915E37



474041



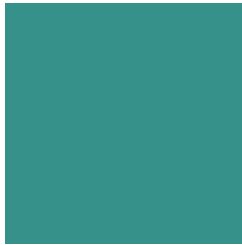
870009



080001

Previews

White Background



This preview shows how the Hex color 37918B looks on a white background.

Color Contrast Check

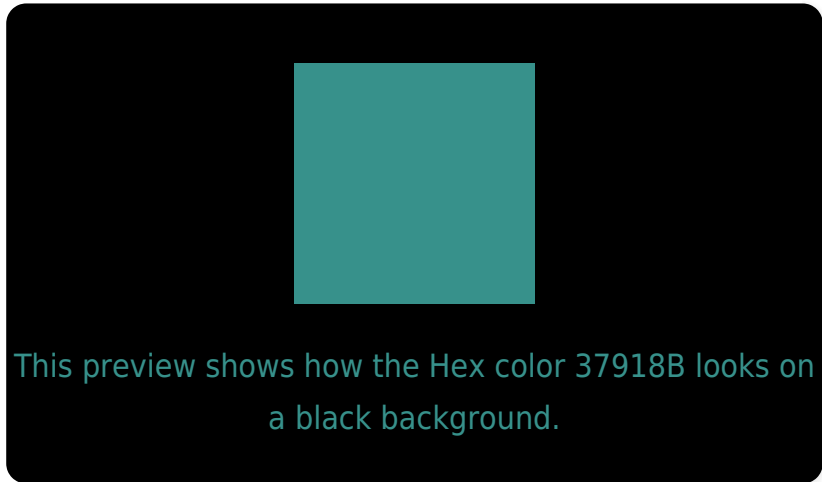
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

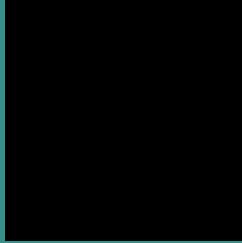
Any Text WCAG AA ✓ Pass

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](#).

Hex 37918B Background



This preview shows how black text looks on a background with the Hex color 37918B.

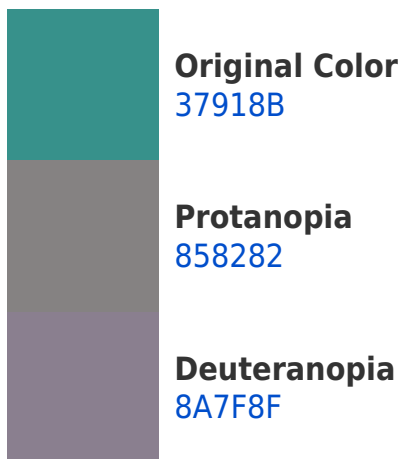


This preview shows how white text looks on a background with the Hex color 37918B.

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](#).

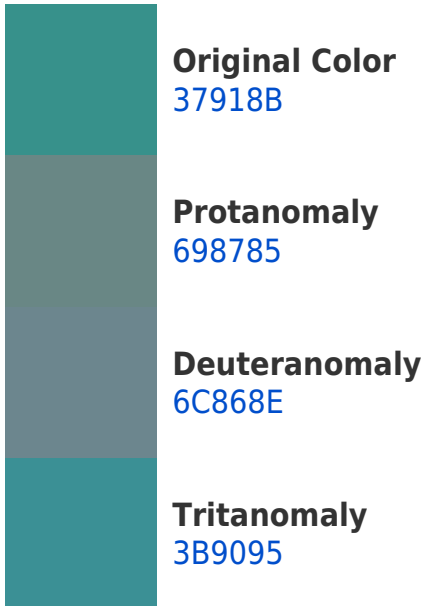
Dichromacy



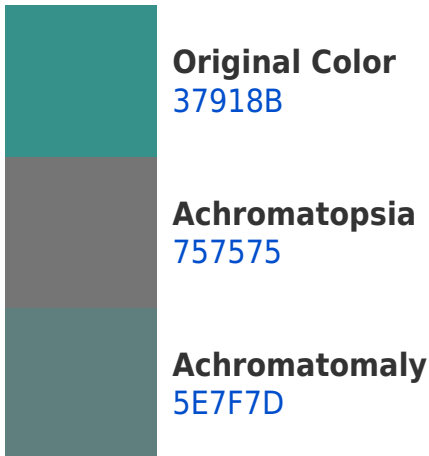


Tritanopia
3E8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37918B 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 #37918B looks like.

```
.text, #text, p{  
    color:#37918B  
}
```

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 #37918B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37918B
}
```

Border

The CSS property to change the border of an element to Hex 37918B 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
#37918B }
```

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

```
.border{ border-color:#37918B }
```

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

Here you see how a box with a 4 pixel #37918B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37918B; -webkit-box-shadow:4px 4px  
4px 4px #37918B; box-shadow:4px 4px 4px  
4px #37918B }
```

Background

The CSS property to change the background color of an element to Hex 37918B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37918B }
```

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

```
.background{ background-color:#37918B }
```

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