

# Converting Colors

Hex(40918A)

Have a look what the booklet for  
Hex(40918A) contains.

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**Color**

**Hex(40918A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40918A
RGB	64, 145, 138
RGB Percent	25%, 57%, 54%
CMY	0.7490, 0.4314, 0.4588
CMYK	0.56, 0.00, 0.05, 0.43
HSL	175°, 39%, 41%
HSV	175°, 56%, 57%
XYZ	16.8272, 23.1758, 27.6312
YIQ	119.9830, -46.0290, -19.3490

# Conversions

## Conversions Part 2

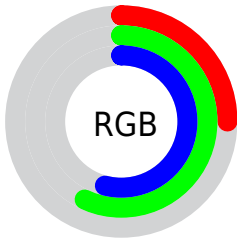
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 106, 145
Decimal	4231562
CIELab	55.25, -26.37, -3.77
CIELCh	55, 26.638, 188.141
Yxy	23.1758, 0.2488, 0.3427
Android (android.graphics.Color)	4282421642 (0xFF40918A)
YUV	119.9830, 8.8824, -49.0971
Hunter-Lab	48.1412, -21.8545, -0.3314

# Details

The Hex color **40918A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **914047**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **77C7BF**, and **005E58** is the 20% darker color. If you saturate the color by 10%, you get **329189**, and if you desaturate by 10%, it is **4F918B**.

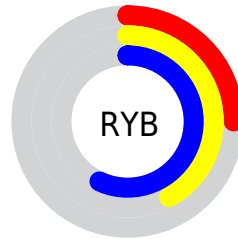
# Distribution



Red (25%)

Green (57%)

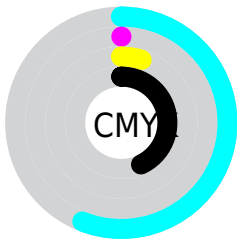
Blue (54%)



Red (25%)

Yellow (42%)

Blue (57%)

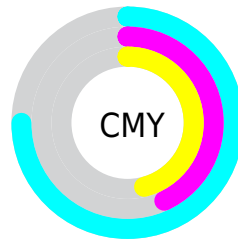


Cyan (56%)

Magenta (0%)

Yellow (5%)

Black (43%)



Cyan (75%)

Magenta (43%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40918A 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 40918A by changing the saturation by 10% instead.





40918A



40918A

FFFFFF



217771



77C7BF



005E58



93E3DB



004641



AFFFF8



002F2B



CCFFFF



001B17



E9FFFF



000000



40918A



40918A



329189



4F918B



239187



5D918D

■ 159186

■ 6C918E

■ 069185

■ 7A918F

■ 009184

■ 899190

■ 979192

■ A59193

■ B49194

■ C39195

# Harmonies

## Analogous

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



599072



40918A



3790A0

# Triad

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



40918A



8F7CA9



A37D5A

# Complementary

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



40918A



914047

# 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.



B07669



40918A



A77596

# Square

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



40918A



6F84B2



B2737F



8E8556

# Rectangle

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



40918A



428DAB



B2737F



A87A5E



# Sweetspot

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



40918A



9DBDBA



489140



4B5E5D



DEDEDE



5E5E5E



# Same Dimension

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



40918A



3EBDB2



407191



404747



00877B



000807



# Inverse Universe

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



914047



BD3E49



916040



474041



87000C

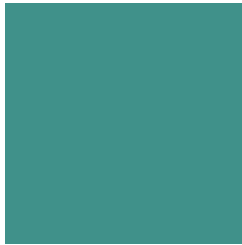


080001



# Previews

## White Background



This preview shows how the Hex color 40918A looks on a white background.

## Color Contrast Check

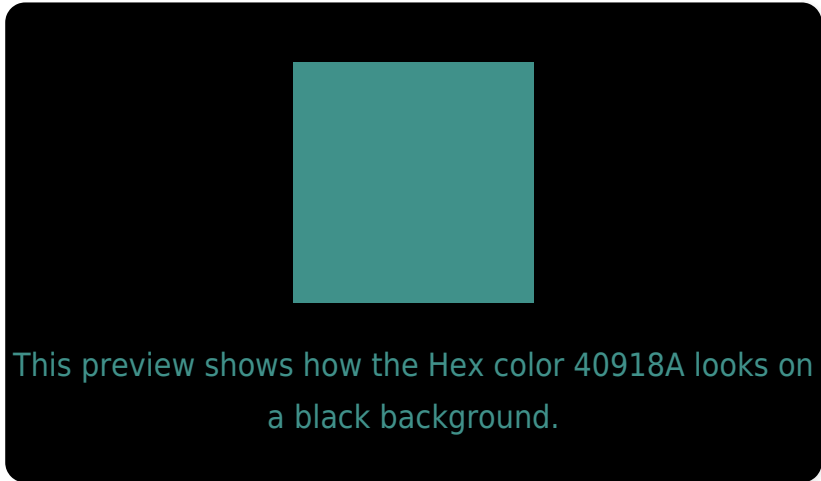
Large Text (above 18pt) WCAG AA ✓ Pass

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

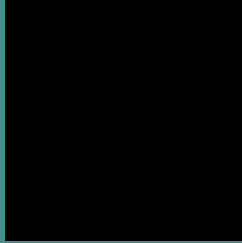
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 40918A Background



This preview shows how black text looks on a background with the Hex color 40918A.

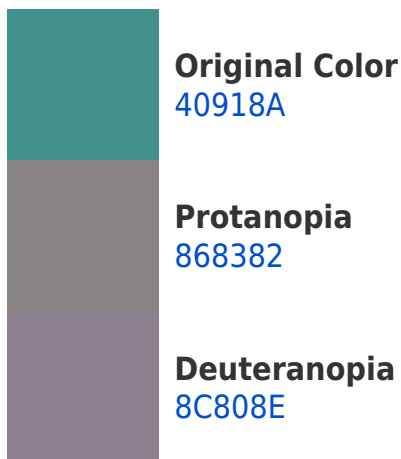


This preview shows how white text looks on a background with the Hex color 40918A.

# 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



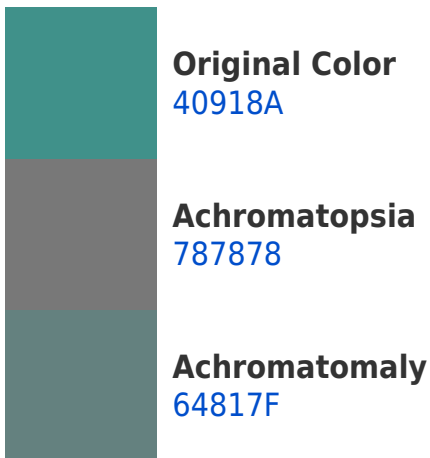


**Tritanopia**  
468F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40918A 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 #40918A looks like.

```
.text, #text, p{  
    color:#40918A  
}
```

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 #40918A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40918A
}
```

## Border

The CSS property to change the border of an element to Hex 40918A 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
#40918A }
```

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

```
.border{ border-color:#40918A }
```

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

Here you see how a box with a 4 pixel #40918A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40918A; -webkit-box-shadow:4px 4px  
4px 4px #40918A; box-shadow:4px 4px 4px  
4px #40918A }
```

# Background

The CSS property to change the background color of an element to Hex 40918A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40918A }
```

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

```
.background{ background-color:#40918A }
```

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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