

Converting Colors

Hex(41788A)

Have a look what the booklet for
Hex(41788A) contains.

Hex(41788A)	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(41788A)

Conversions

Conversions Part 1

Format	Color
Hex	41788A
RGB	65, 120, 138
RGB Percent	25%, 47%, 54%
CMY	0.7451, 0.5294, 0.4588
CMYK	0.53, 0.13, 0.00, 0.46
HSL	195°, 36%, 40%
HSV	195°, 53%, 54%
XYZ	13.4839, 16.3917, 26.4980
YIQ	105.6070, -38.5580, -6.0620

Conversions

Conversions Part 2

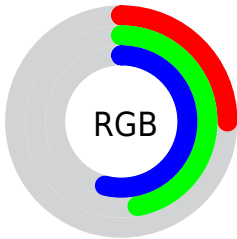
Format	Color
RYB	65, 96, 138
Decimal	4290698
CIELab	47.48, -12.87, -15.41
CIELCh	47, 20.076, 230.143
Yxy	16.3917, 0.2392, 0.2908
Android (android.graphics.Color)	4282480778 (0xFF41788A)
YUV	105.6070, 15.9697, -35.6123
Hunter-Lab	40.4867, -11.4032, -10.4638

Details

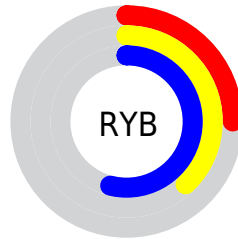
The Hex color **41788A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A5341**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **76ACBF**, and **004758** is the 20% darker color. If you saturate the color by 10%, you get **33758A**, and if you desaturate by 10%, it is **4F7B8A**.

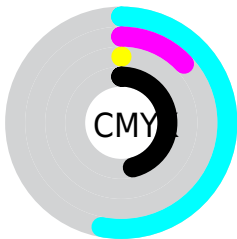
Distribution



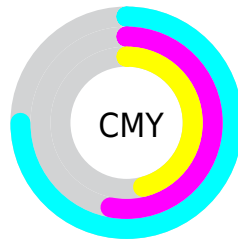
- Red (25%)
- Green (47%)
- Blue (54%)



- Red (25%)
- Yellow (38%)
- Blue (54%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (46%)



- Cyan (75%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41788A 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 41788A by changing the saturation by 10% instead.

41788A

41788A

FFFFFF

255F71

76ACBF

004758

91C8DB

003141

ADE4F8

001C2B

C9FFFF

000116

E6FFFF

000000

41788A

41788A

33758A

4F7B8A

25718A

5D7F8A

186E8A

6A828A

0A6A8A

78868A

00688A

86898A

948C8A

A2908A

AF938A

BD978A

Harmonies

Analogous

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



3E7A7C



41788A



547492

Triad

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



41788A



8F6577



717351

Complementary

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



41788A



8A5341

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.



826E50



41788A



936566

Square

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



41788A



816986



8E6857



5E775B

Rectangle

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



41788A



647092



8E6857



77714F

Sweetspot

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



41788A



96ABB3



418A52



485559



D9D9D9



595959

Same Dimension

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



41788A



4297B3



41548A



3E4345



006485



000405

Inverse Universe

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



8A4178



B34297



8A7741



453E43



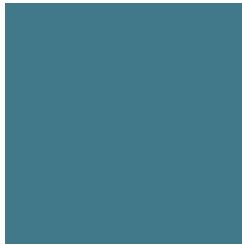
850064



050004

Previews

White Background



This preview shows how the Hex color 41788A looks on a white background.

Color Contrast Check

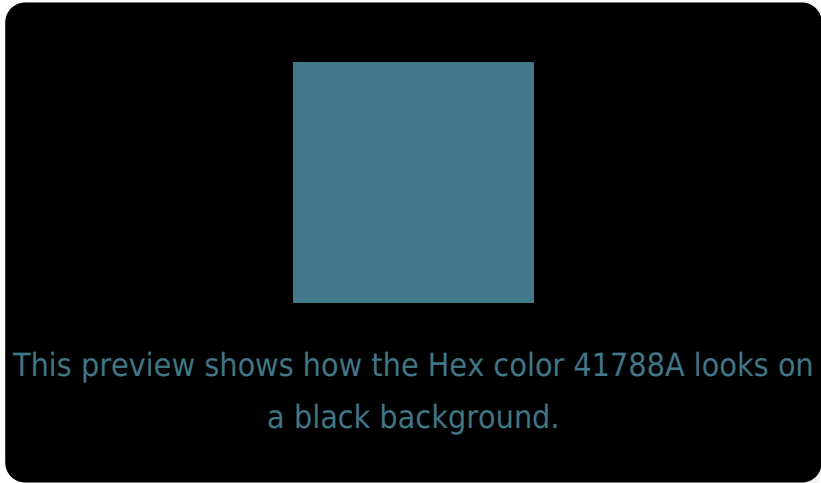
Large Text (above 18pt) WCAG AA ✓ Pass

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

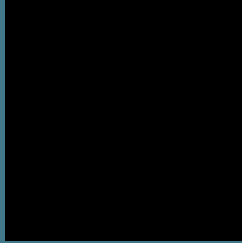
Any Text WCAG AA × Fail

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 41788A Background



This preview shows how black text looks on a background with the Hex color 41788A.

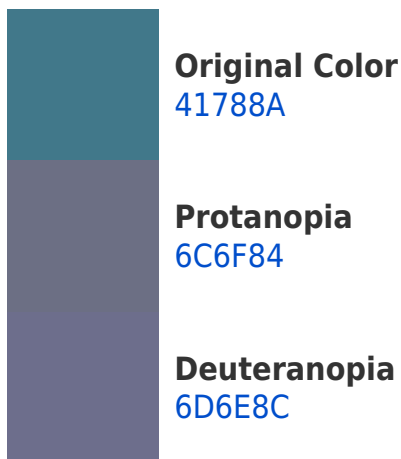


This preview shows how white text looks on a background with the Hex color 41788A.

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
3E7983

Trichromacy



Original Color
41788A

Protanomaly
5C7286

Deuteranomaly
5D728B

Tritanomaly
3F7986

Monochromacy



Original Color
41788A

Achromatopsia
6A6A6A

Achromatomaly
5B6F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 41788A 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 #41788A looks like.

```
.text, #text, p{  
    color:#41788A  
}
```

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 #41788A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41788A
}
```

Border

The CSS property to change the border of an element to Hex 41788A 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
#41788A }
```

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

```
.border{ border-color:#41788A }
```

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

Here you see how a box with a 4 pixel #41788A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41788A; -webkit-box-shadow:4px 4px  
4px 4px #41788A; box-shadow:4px 4px 4px  
4px #41788A }
```

Background

The CSS property to change the background color of an element to Hex 41788A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41788A }
```

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

```
.background{ background-color:#41788A }
```

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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