

Converting Colors

Hex(41718B)

Have a look what the booklet for
Hex(41718B) contains.

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Color

Hex(41718B)

Conversions

Conversions Part 1

Format	Color
Hex	41718B
RGB	65, 113, 139
RGB Percent	25%, 44%, 55%
CMY	0.7451, 0.5569, 0.4549
CMYK	0.53, 0.19, 0.00, 0.45
HSL	201°, 36%, 40%
HSV	201°, 53%, 55%
XYZ	12.7453, 14.7982, 26.6107
YIQ	101.6120, -36.9540, -2.0900

Conversions

Conversions Part 2

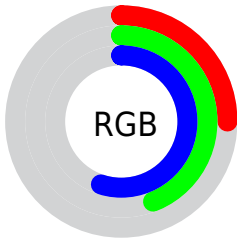
Format	Color
R _{YB}	65, 94, 139
Decimal	4288907
CIE Lab	45.36, -8.55, -19.26
CIE LCh	45, 21.068, 246.069
Yxy	14.7982, 0.2354, 0.2733
Android (android.graphics.Color)	4282478987 (0xFF41718B)
YUV	101.6120, 18.4323, -32.1087
Hunter-Lab	38.4684, -8.1792, -14.0863

Details

The Hex color **41718B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B5B41**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **76A5C1**, and **014159** is the 20% darker color. If you saturate the color by 10%, you get **336C8B**, and if you desaturate by 10%, it is **4F768B**.

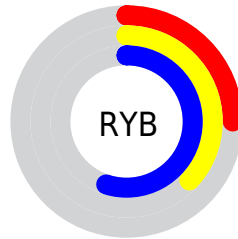
Distribution



Red (25%)

Green (44%)

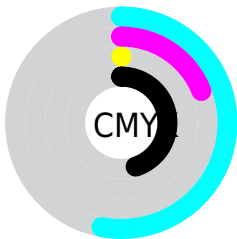
Blue (55%)



Red (25%)

Yellow (37%)

Blue (55%)

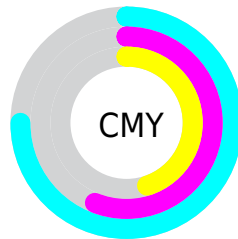


Cyan (53%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41718B 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 41718B by changing the saturation by 10% instead.

■ 41718B

■ 41718B

FFFFFF

■ 265971

■ 76A5C1

■ 014159

■ 91C0DC

■ 002B41

■ ADDCF9

■ 00172B

■ C9F8FF

■ 000117

■ E5FFFF

■ 000000

■ 41718B

■ 41718B

■ 336C8B

■ 4F768B

■ 25678B

■ 5D7B8B

■ 17628B

■ 6B808B

■ 095D8B

■ 79858B

■ 005A8B

■ 86898B

■ 948E8B

■ A2938B

■ B0988B

■ BE9D8B

Harmonies

Analogous

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



34747F



41718B



5A6C8E

Triad

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



41718B



8E5E68



61704F

Complementary

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



41718B



8B5B41

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.



746B48



41718B



8D6057

Square

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



41718B



85607A



84654C



4D745D

Rectangle

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



41718B



6B688B



84654C



686F4B

Sweetspot

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



41718B



98ABB5



418B5B



4A565C



DBDBDB



5C5C5C

Same Dimension

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



41718B



418CB5



414C8B



3E4245



005685



000305

Inverse Universe

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



8B4171



B5418C



8B8041



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 41718B looks on a white background.

Color Contrast Check

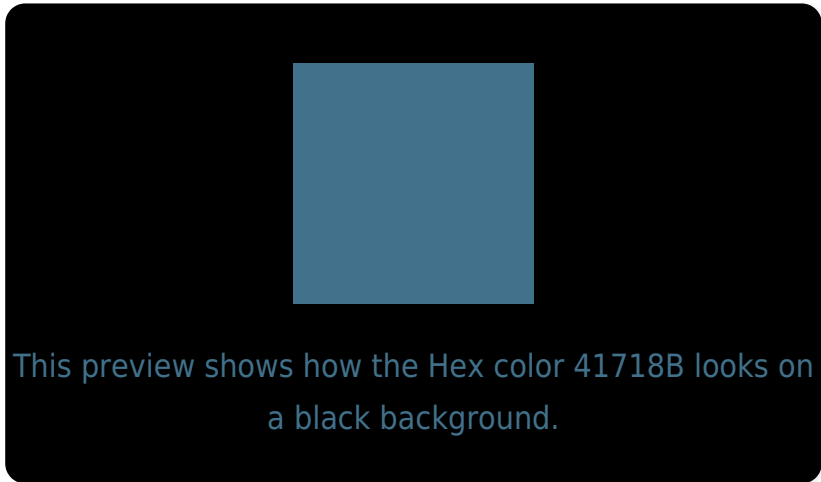
Large Text (above 18pt) WCAG AA ✓ Pass

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

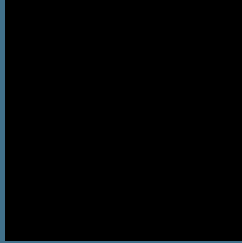
Any Text WCAG AA × Fail

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 41718B Background



This preview shows how black text looks on a background with the Hex color 41718B.

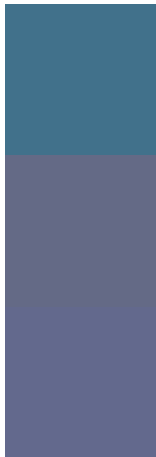


This preview shows how white text looks on a background with the Hex color 41718B.

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



Original Color
41718B

Protanopia
646A86

Deuteranopia
63698D



Tritanopia
3C737D

Trichromacy



Original Color
41718B

Protanomaly
576D88

Deuteranomaly
576C8C

Tritanomaly
3E7282

Monochromacy



Original Color
41718B

Achromatopsia
666666

Achromatomaly
596A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 41718B 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 #41718B looks like.

```
.text, #text, p{  
    color:#41718B  
}
```

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 #41718B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41718B
}
```

Border

The CSS property to change the border of an element to Hex 41718B is called "border". The border property can be set on classes, ids or directly on the HTML element.

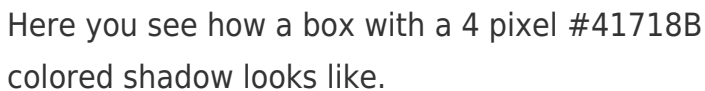
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41718B }
```

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

```
.border{ border-color:#41718B }
```

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



Here you see how a box with a 4 pixel #41718B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41718B; -webkit-box-shadow:4px 4px  
4px 4px #41718B; box-shadow:4px 4px 4px  
4px #41718B }
```

Background

The CSS property to change the background color of an element to Hex 41718B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41718B }
```

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

```
.background{ background-color:#41718B }
```

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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