

Converting Colors

Hex(45718C)

Have a look what the booklet for
Hex(45718C) contains.

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Color

Hex(45718C)

Conversions

Conversions Part 1

Format	Color
Hex	45718C
RGB	69, 113, 140
RGB Percent	27%, 44%, 55%
CMY	0.7294, 0.5569, 0.4510
CMYK	0.51, 0.19, 0.00, 0.45
HSL	203°, 34%, 41%
HSV	203°, 51%, 55%
XYZ	13.0930, 14.9689, 27.0102
YIQ	102.9220, -34.8910, -0.9310

Conversions

Conversions Part 2

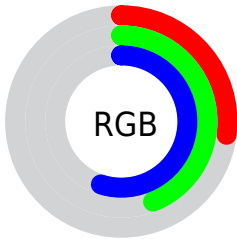
Format	Color
R _{YB}	69, 96, 140
Decimal	4551052
CIE Lab	45.59, -7.25, -19.47
CIE LCh	46, 20.781, 249.573
Yxy	14.9689, 0.2377, 0.2718
Android (android.graphics.Color)	4282741132 (0xFF45718C)
YUV	102.9220, 18.2795, -29.7496
Hunter-Lab	38.6897, -7.3007, -14.3089




Details

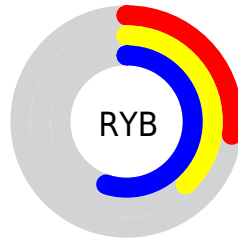
The Hex color **45718C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C6045**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **7AA5C2**, and **0A415A** is the 20% darker color. If you saturate the color by 10%, you get **376C8C**, and if you desaturate by 10%, it is **53768C**.

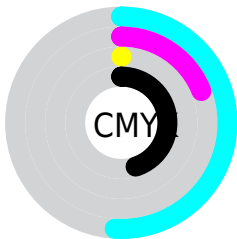
Distribution







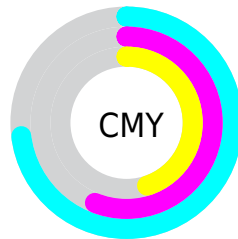
-  Red (27%)
-  Green (44%)
-  Blue (55%)






-  Red (27%)
-  Yellow (38%)
-  Blue (55%)



-  Cyan (51%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (73%)
-  Magenta (56%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45718C 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 45718C by changing the saturation by 10% instead.

■ 45718C

■ 45718C

FFFFFF

■ 2A5972

■ 7AA5C2

■ 0A415A

■ 95C0DE

■ 002B42

■ B0DCFA

■ 00172C

■ CCF8FF

■ 000117

■ E9FFFF

■ 000000

■ 45718C

■ 45718C

■ 376C8C

■ 53768C

■ 29668C

■ 617C8C

■ 1B618C

■ 6F818C

■ 0D5C8C

■ 7D868C

■ 00578C

■ 8B8C8C

■ 99918C

■ A7968C

■ B59C8C

■ C3A18C

Harmonies

Analogous

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



367481



45718C



5E6C8E

Triad

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



45718C



8E5F67



5F7151

Complementary

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



45718C



8C6045

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.



736D4A



45718C



8D6257

Square

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



45718C



876178



83674C



4B755F

Rectangle

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



45718C



6E688A



83674C



66704D

Sweetspot

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



45718C



9AABB5



458C5F



4B565C



DBDBDB



5C5C5C

Same Dimension

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



45718C



478BB5



454E8C



3E4245



005285



000305

Inverse Universe

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



8C4571



B5478B



8C8345



453E42



850052



050003

Previews

White Background



This preview shows how the Hex color 45718C looks on a white background.

Color Contrast Check

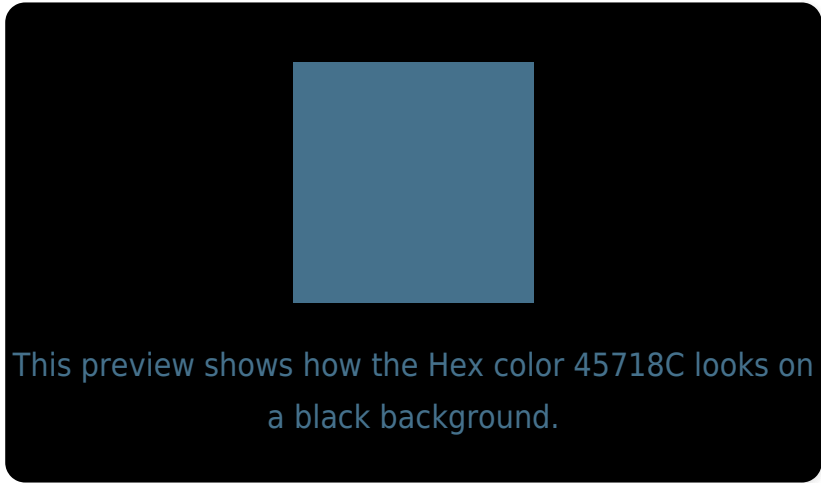
Large Text (above 18pt) WCAG AA ✓ Pass

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

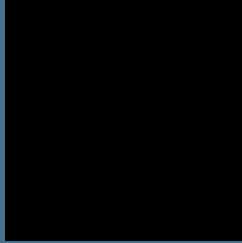
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

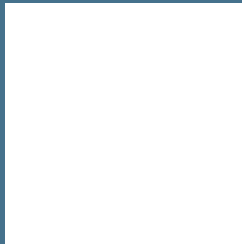
Any Text WCAG AAA × Fail

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

Hex 45718C Background



This preview shows how black text looks on a background with the Hex color 45718C.

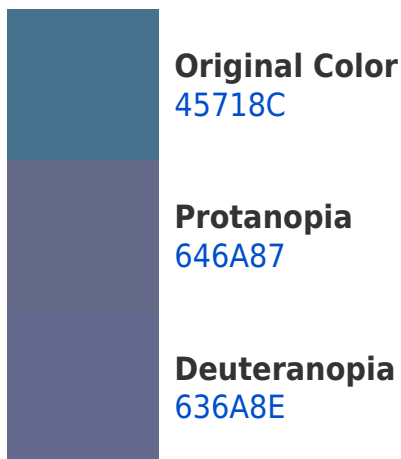


This preview shows how white text looks on a background with the Hex color 45718C.

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](#).

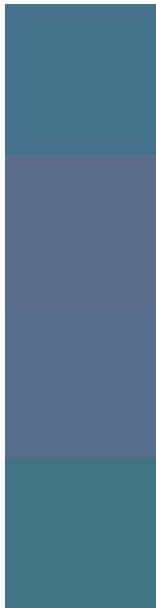
Dichromacy





Tritanopia
40747D

Trichromacy



Original Color
45718C

Protanomaly
596D89

Deuteranomaly
586D8D

Tritanomaly
427382

Monochromacy



Original Color
45718C

Achromatopsia
676767

Achromatomaly
5B6B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 45718C 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 #45718C looks like.

```
.text, #text, p{  
    color:#45718C  
}
```

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 #45718C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45718C
}
```

Border

The CSS property to change the border of an element to Hex 45718C 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
#45718C }
```

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

```
.border{ border-color:#45718C }
```

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

Here you see how a box with a 4 pixel #45718C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45718C; -webkit-box-shadow:4px 4px  
4px 4px #45718C; box-shadow:4px 4px 4px  
4px #45718C }
```

Background

The CSS property to change the background color of an element to Hex 45718C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45718C }
```

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

```
.background{ background-color:#45718C }
```

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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