

Converting Colors

Hex(48518C)

Have a look what the booklet for
Hex(48518C) contains.

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Color

Hex(48518C)

Conversions

Conversions Part 1

Format	Color
Hex	48518C
RGB	72, 81, 140
RGB Percent	28%, 32%, 55%
CMY	0.7176, 0.6824, 0.4510
CMYK	0.49, 0.42, 0.00, 0.45
HSL	232°, 32%, 42%
HSV	232°, 49%, 55%
XYZ	10.3485, 9.1560, 26.0328
YIQ	85.0350, -24.3030, 16.4410

Conversions

Conversions Part 2

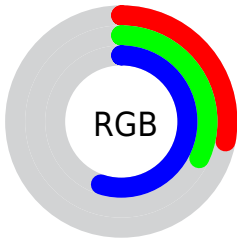
Format	Color
R _Y B	72, 80, 140
Decimal	4739468
CIE Lab	36.28, 13.40, -33.99
CIE LCh	36, 36.534, 291.511
Yxy	9.1560, 0.2273, 0.2011
Android (android.graphics.Color)	4282929548 (0xFF48518C)
YUV	85.0350, 27.0977, -11.4317
Hunter-Lab	30.2589, 8.0938, -29.8280

Details

The Hex color **48518C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8348**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7C82C2**, and **112559** is the 20% darker color. If you saturate the color by 10%, you get **3A458C**, and if you desaturate by 10%, it is **565D8C**.

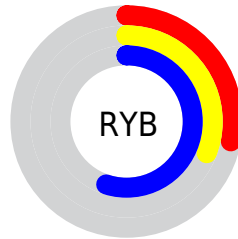
Distribution



Red (28%)

Green (32%)

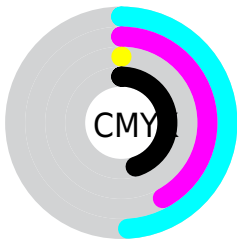
Blue (55%)



Red (28%)

Yellow (31%)

Blue (55%)

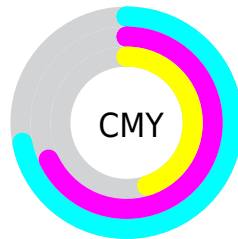


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (68%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48518C 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 48518C by changing the saturation by 10% instead.

■ 48518C

■ 48518C

FFFFFF

■ 2E3A72

■ 7C82C2

■ 112559

■ 979CDE

■ 001142

■ B3B7FB

■ 00032B

■ CFD2FF

■ 000115

■ ECEFFF

■ 000000

■ 48518C

■ 48518C

■ 3A458C

■ 565D8C

■ 2C398C

■ 64698C

■ 1E2D8C

■ 72758C

■ 10208C

■ 80828C

■ 02148C

■ 8E8E8C

■ 00138C

■ 9C9A8C

■ AAA68C

■ B8B28C

■ C6BE8C

Harmonies

Analogous

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



005B8F



48518C



71457A

Triad

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



48518C



814628



00634C

Complementary

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



48518C



8C8348

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.



2D602F



48518C



6C5118

Square

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



48518C



8B3C42



515A1B



00646A

Rectangle

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



48518C



813E69



515A1B



006242

Sweetspot

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



48518C



9A9DB5



488C83



4B4D5C



DBDBDB



5C5C5C

Same Dimension

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



48518C



4C5AB5



61488C



3E3F45



001285



000105

Inverse Universe

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



8C4851



B54C5A



738C48



453E3F



850012



050001

Previews

White Background



This preview shows how the Hex color 48518C looks on a white background.

Color Contrast Check

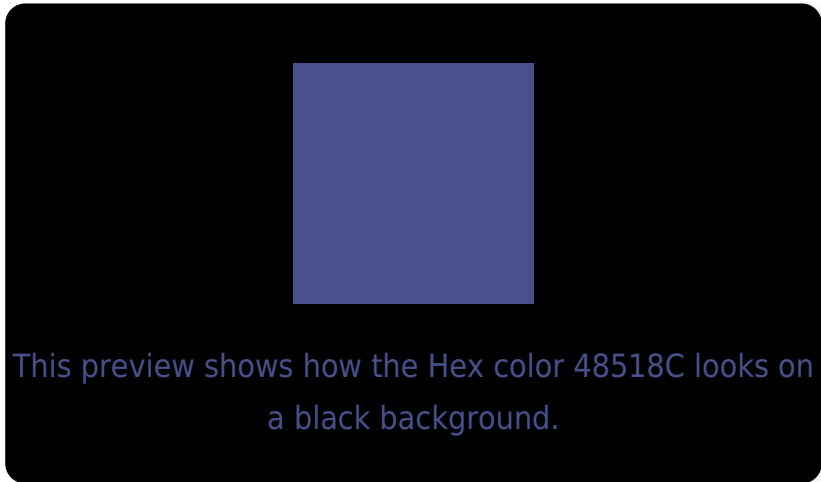
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

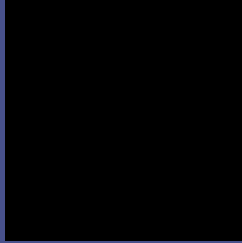
Any Text WCAG AA × Fail

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 48518C Background



This preview shows how black text looks on a background with the Hex color 48518C.



This preview shows how white text looks on a background with the Hex color 48518C.

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
48518C

Protanopia
3D538E

Deuteranopia
34568B



Tritanopia
3B5A62

Trichromacy



Original Color
48518C

Protanomaly
41528D

Deuteranomaly
3B548B

Tritanomaly
405771

Monochromacy



Original Color
48518C

Achromatopsia
555555

Achromatomaly
505469

CSS Examples

Text

The CSS property to change the color of the text to Hex 48518C 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 #48518C looks like.

```
.text, #text, p{  
    color:#48518C  
}
```

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 #48518C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48518C
}
```

Border

The CSS property to change the border of an element to Hex 48518C is called "border". The border property can be set on classes, ids or directly on the HTML element.

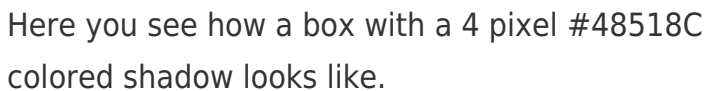
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48518C }
```

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

```
.border{ border-color:#48518C }
```

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



Here you see how a box with a 4 pixel #48518C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48518C; -webkit-box-shadow:4px 4px  
4px 4px #48518C; box-shadow:4px 4px 4px  
4px #48518C }
```

Background

The CSS property to change the background color of an element to Hex 48518C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48518C }
```

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

```
.background{ background-color:#48518C }
```

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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