

Converting Colors

Hex(57508B)

Have a look what the booklet for
Hex(57508B) contains.

Hex(57508B)	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(57508B)

Conversions

Conversions Part 1

Format	Color
Hex	57508B
RGB	87, 80, 139
RGB Percent	34%, 31%, 55%
CMY	0.6588, 0.6863, 0.4549
CMYK	0.37, 0.42, 0.00, 0.45
HSL	247°, 27%, 43%
HSV	247°, 42%, 55%
XYZ	11.4593, 9.6276, 25.6804
YIQ	88.8190, -14.7670, 19.8330

Conversions

Conversions Part 2

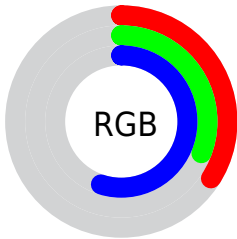
Format	Color
R_{YB}	87, 80, 139
Decimal	5722251
CIE _{Lab}	37.17, 17.85, -31.90
CIE _{LCh}	37, 36.556, 299.220
Yxy	9.6276, 0.2450, 0.2059
Android (android.graphics.Color)	4283912331 (0xFF57508B)
YUV	88.8190, 24.7392, -1.5953
Hunter-Lab	31.0284, 11.6234, -27.3510

Details

The Hex color **57508B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **848B50**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8B81C1**, and **252358** is the 20% darker color. If you saturate the color by 10%, you get **4B428B**, and if you desaturate by 10%, it is **635E8B**.

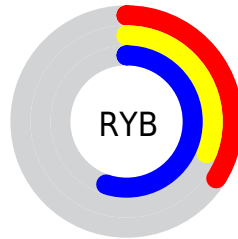
Distribution



Red (34%)

Green (31%)

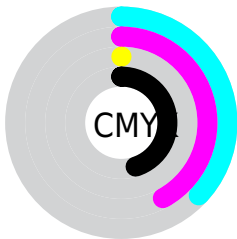
Blue (55%)



Red (34%)

Yellow (31%)

Blue (55%)

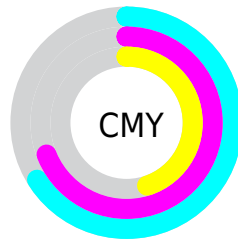


Cyan (37%)

Magenta (42%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57508B 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 57508B by changing the saturation by 10% instead.

■ 57508B

■ 57508B

FFFFFF

■ 3E3971

■ 8B81C1

■ 252358

■ A69BDD

■ 090F41

■ C2B6FA

■ 00002A

■ DED2FF

■ 000114

■ FBEEFF

■ 000000

■ 57508B

■ 57508B

■ 4B428B

■ 635E8B

■ 3E348B

■ 706C8B

■ 32268B

■ 7C7A8B

■ 26188B

■ 88888B

■ 1A0B8B

■ 94958B

■ 10008B

■ A1A38B

■ ADB18B

■ B9BF8B

■ C5CD8B

Harmonies

Analogous

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



0C5B92



57508B



7B4476

Triad

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



57508B



7F4B25



006656

Complementary

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



57508B



848B50

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.



226338



57508B



685619

Square

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



57508B



8C403C



4B5E21



006573

Rectangle

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



57508B



883E63



4B5E21



00654B

Sweetspot

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



57508B



A09EB5



50848B



4F4D5C



DBDBDB



5C5C5C

Same Dimension

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



57508B



6459B5



74508B



3F3E45



100085



010005

Inverse Universe

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



8B5084



B559AA



678B50



453E44



850075



050004

Previews

White Background



This preview shows how the Hex color 57508B looks on a white background.

Color Contrast Check

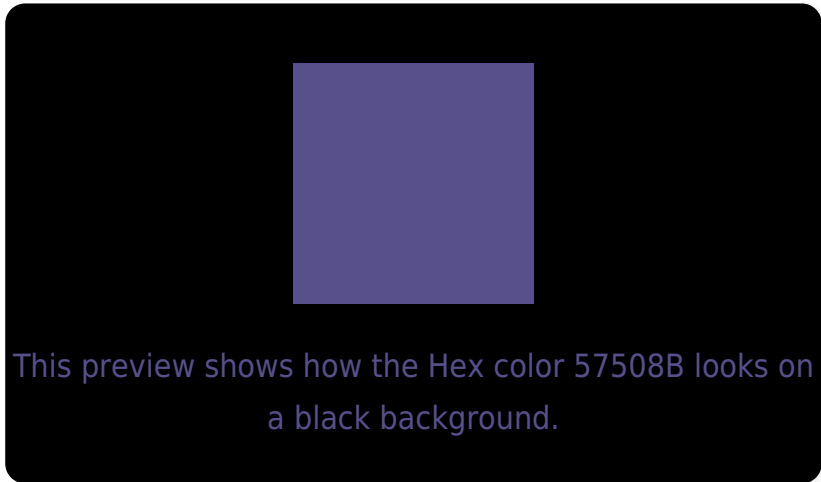
Large Text (above 18pt) WCAG AA ✓ Pass

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

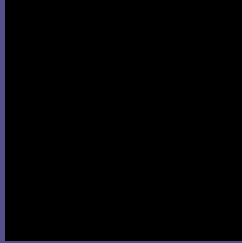
Any Text WCAG AA × Fail

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 57508B Background



This preview shows how black text looks on a background with the Hex color 57508B.



This preview shows how white text looks on a background with the Hex color 57508B.

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
4D5960

Trichromacy



Original Color
57508B

Protanomaly
48548E

Deuteranomaly
46548A

Tritanomaly
515670

Monochromacy



Original Color
57508B

Achromatopsia
595959

Achromatomaly
58566B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57508B 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 #57508B looks like.

```
.text, #text, p{  
    color:#57508B  
}
```

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 #57508B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57508B
}
```

Border

The CSS property to change the border of an element to Hex 57508B is called "border". The border property can be set on classes, ids or directly on the HTML element.

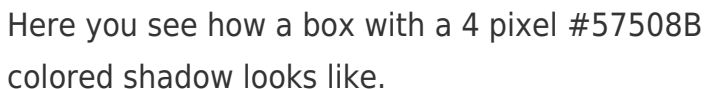
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57508B }
```

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

```
.border{ border-color:#57508B }
```

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



Here you see how a box with a 4 pixel #57508B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57508B; -webkit-box-shadow:4px 4px  
4px 4px #57508B; box-shadow:4px 4px 4px  
4px #57508B }
```

Background

The CSS property to change the background color of an element to Hex 57508B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57508B }
```

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

```
.background{ background-color:#57508B }
```

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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