

Converting Colors

Hex(38518B)

Have a look what the booklet for
Hex(38518B) contains.

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Color

Hex(38518B)

Conversions

Conversions Part 1

Format	Color
Hex	38518B
RGB	56, 81, 139
RGB Percent	22%, 32%, 55%
CMY	0.7804, 0.6824, 0.4549
CMYK	0.60, 0.42, 0.00, 0.45
HSL	222°, 43%, 38%
HSV	222°, 60%, 55%
XYZ	9.2335, 8.5897, 25.5974
YIQ	80.1370, -33.5180, 12.7380

Conversions

Conversions Part 2

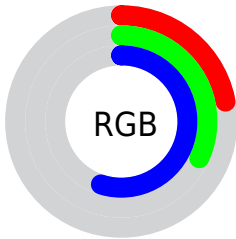
Format	Color
RYB	56, 75, 139
Decimal	3690891
CIELab	35.18, 9.24, -35.19
CIELCh	35, 36.384, 284.710
Yxy	8.5897, 0.2127, 0.1978
Android (android.graphics.Color)	4281880971 (0xFF38518B)
YUV	80.1370, 29.0195, -21.1681
Hunter-Lab	29.3082, 4.9470, -31.2675

Details

The Hex color **38518B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B7238**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6E82C1**, and **002558** is the 20% darker color. If you saturate the color by 10%, you get **2A478B**, and if you desaturate by 10%, it is **465B8B**.

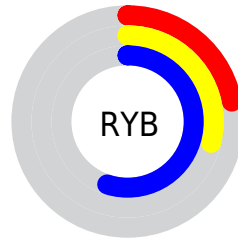
Distribution



Red (22%)

Green (32%)

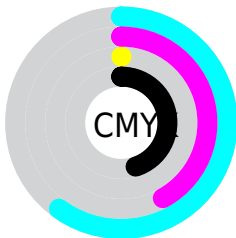
Blue (55%)



Red (22%)

Yellow (29%)

Blue (55%)

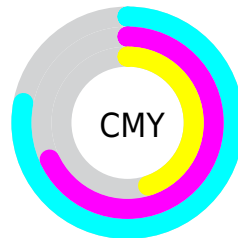


Cyan (60%)

Magenta (42%)

Yellow (0%)

Black (45%)



Cyan (78%)

Magenta (68%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38518B 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 38518B by changing the saturation by 10% instead.

■ 38518B

■ 38518B

FFFFFF

■ 1A3A71

■ 6E82C1

■ 002558

■ 899CDD

■ 001041

■ A5B7FA

■ 00032A

■ C1D2FF

■ 000114

■ DDEEFF

■ 000000

■ FBFFFF

■ 38518B

■ 38518B

■ 2A478B

■ 465B8B

■ 1C3E8B

■ 54648B

■ 0E348B

■ 626E8B

■ 002A8B

■ 70788B

■ 7E828B

■ 8B8B8B

■ 99958B

■ A79F8B

■ B5A88B

Harmonies

Analogous

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



005A8B



38518B



67457C

Triad

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



38518B



81412B



006042

Complementary

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



38518B



8B7238

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.



345C27



38518B



6F4C18

Square

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



38518B



883946



555616



006161

Rectangle

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



38518B



7A3D6C



555616



0F5F39

Sweetspot

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



38518B



949EB5



388B71



484E5C



DBDBDB



5C5C5C

Same Dimension

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



38518B



335AB5



47388B



3E4045



002885



000205

Inverse Universe

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



8B3851



B5335A



7C8B38



453E40



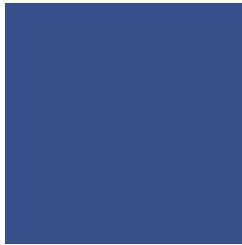
850028



050002

Previews

White Background



This preview shows how the Hex color 38518B looks on a white background.

Color Contrast Check

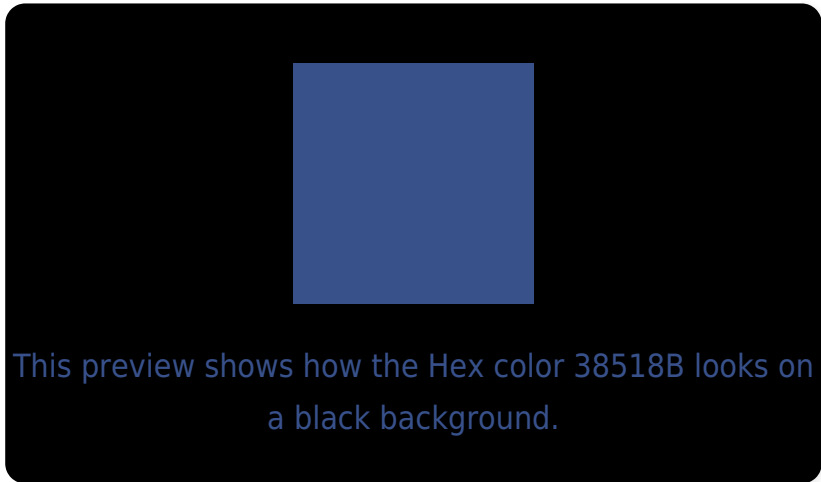
Large Text (above 18pt) WCAG AA ✓ Pass

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

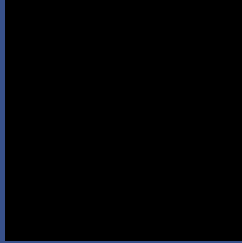
Any Text WCAG AA × Fail

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 38518B Background



This preview shows how black text looks on a background with the Hex color 38518B.



This preview shows how white text looks on a background with the Hex color 38518B.

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
38518B

Protanopia
3A518B

Deuteranopia
2C538A



Tritanopia
255A61

Trichromacy



Original Color
38518B

Protanomaly
39518B

Deuteranomaly
30528A

Tritanomaly
2C5770

Monochromacy



Original Color
38518B

Achromatopsia
505050

Achromatomaly
475065

CSS Examples

Text

The CSS property to change the color of the text to Hex 38518B 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 #38518B looks like.

```
.text, #text, p{  
    color:#38518B  
}
```

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 #38518B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38518B
}
```

Border

The CSS property to change the border of an element to Hex 38518B is called "border". The border property can be set on classes, ids or directly on the HTML element.

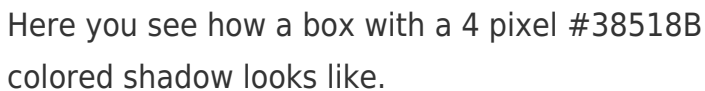
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38518B }
```

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

```
.border{ border-color:#38518B }
```

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



Here you see how a box with a 4 pixel #38518B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38518B; -webkit-box-shadow:4px 4px  
4px 4px #38518B; box-shadow:4px 4px 4px  
4px #38518B }
```

Background

The CSS property to change the background color of an element to Hex 38518B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38518B }
```

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

```
.background{ background-color:#38518B }
```

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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