

Converting Colors

Hex(68518B)

Have a look what the booklet for
Hex(68518B) contains.

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Color

Hex(68518B)

Conversions

Conversions Part 1

Format	Color
Hex	68518B
RGB	104, 81, 139
RGB Percent	41%, 32%, 55%
CMY	0.5922, 0.6824, 0.4549
CMYK	0.25, 0.42, 0.00, 0.45
HSL	264°, 26%, 43%
HSV	264°, 42%, 55%
XYZ	13.3115, 10.6920, 25.7883
YIQ	94.4890, -4.9100, 22.9140

Conversions

Conversions Part 2

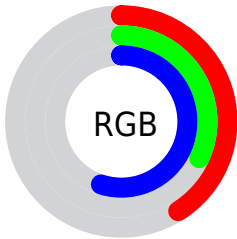
Format	Color
RYB	104, 81, 139
Decimal	6836619
CIELab	39.06, 22.34, -28.82
CIELCh	39, 36.464, 307.789
Yxy	10.6920, 0.2673, 0.2147
Android (android.graphics.Color)	4285026699 (0xFF68518B)
YUV	94.4890, 21.9439, 8.3411
Hunter-Lab	32.6986, 15.4445, -23.8709

Details

The Hex color **68518B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **748B51**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9C83C1**, and **372459** is the 20% darker color. If you saturate the color by 10%, you get **60438B**, and if you desaturate by 10%, it is **705F8B**.

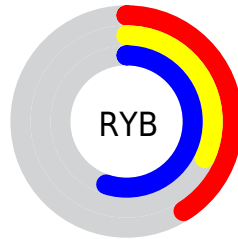
Distribution



Red (41%)

Green (32%)

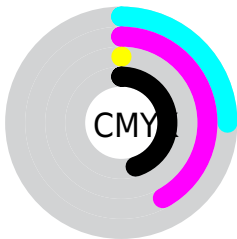
Blue (55%)



Red (41%)

Yellow (32%)

Blue (55%)

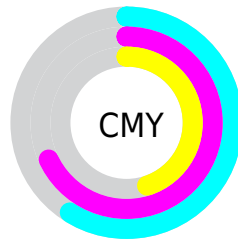


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (68%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68518B 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 68518B by changing the saturation by 10% instead.



68518B



68518B

FFFFFF



4F3A71



9C83C1



372459



B89DDD



1F0F41



D4B8F9



0B002B



F0D4FF



000115



FFF0FF



000000



68518B



68518B



60438B



705F8B



57358B



796D8B

4F278B

817B8B

46198B

8A898B

3E0B8B

92968B

37008B

9AA48B

A3B28B

ABC08B

B3CE8B

Harmonies

Analogous

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



335D97



68518B



864673

Triad

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



68518B



7E5224



006B63

Complementary

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



68518B



748B51

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.



146944



68518B



655D1E

Square

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



68518B



8F4739



46652B



006A7F

Rectangle

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



68518B



90425F



46652B



006A59

Sweetspot

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



68518B



A79EB5



51758B



534D5C



DBDBDB



5C5C5C

Same Dimension

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



68518B



7E5BB5



84518B



413E45



350085



020005

Inverse Universe

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



8B5174



B55B91



588B51



453E42



850050



050003

Previews

White Background



This preview shows how the Hex color 68518B looks on a white background.

Color Contrast Check

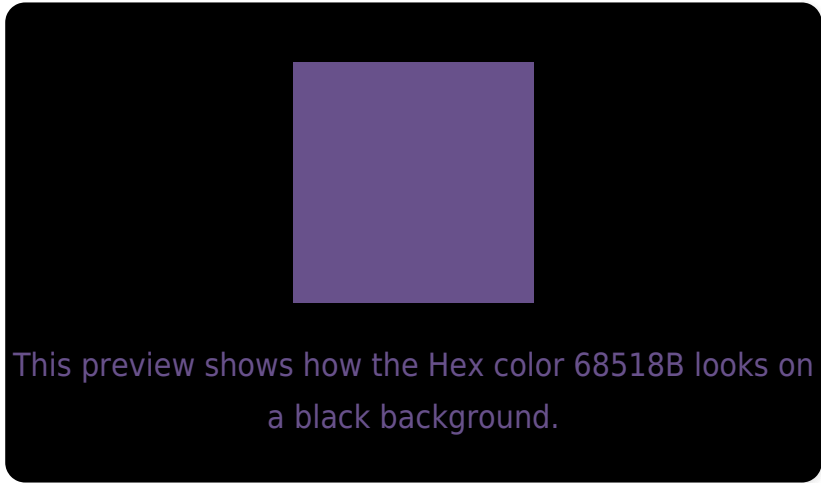
Large Text (above 18pt) WCAG AA ✓ Pass

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

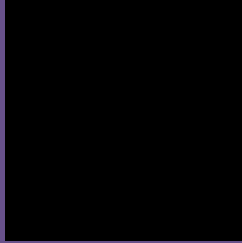
Any Text WCAG AA × Fail

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 68518B Background



This preview shows how black text looks on a background with the Hex color 68518B.

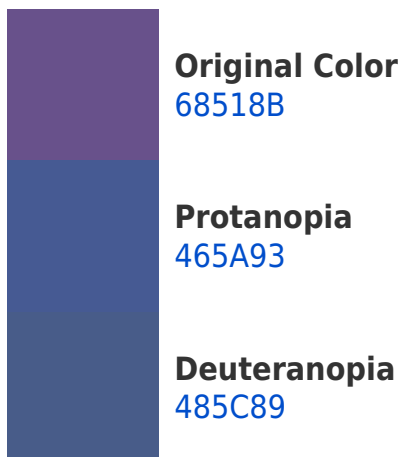



This preview shows how white text looks on a background with the Hex color 68518B.

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
605A61

Trichromacy



Original Color
68518B

Protanomaly
525790

Deuteranomaly
54588A

Tritanomaly
635770

Monochromacy



Original Color
68518B

Achromatopsia
5E5E5E

Achromatomaly
62596E

CSS Examples

Text

The CSS property to change the color of the text to Hex 68518B 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 #68518B looks like.

```
.text, #text, p{  
    color:#68518B  
}
```

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 #68518B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68518B
}
```

Border

The CSS property to change the border of an element to Hex 68518B is called "border". The border property can be set on classes, ids or directly on the HTML element.

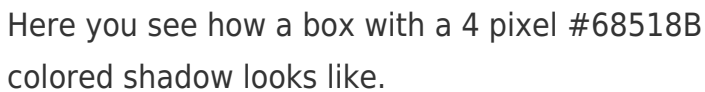
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68518B }
```

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

```
.border{ border-color:#68518B }
```

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



Here you see how a box with a 4 pixel #68518B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68518B; -webkit-box-shadow:4px 4px  
4px 4px #68518B; box-shadow:4px 4px 4px  
4px #68518B }
```

Background

The CSS property to change the background color of an element to Hex 68518B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68518B }
```

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

```
.background{ background-color:#68518B }
```

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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