

Converting Colors

Hex(648B86)

Have a look what the booklet for
Hex(648B86) contains.

Hex(648B86)	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(648B86)

Conversions

Conversions Part 1

Format	Color
Hex	648B86
RGB	100, 139, 134
RGB Percent	39%, 55%, 53%
CMY	0.6078, 0.4549, 0.4745
CMYK	0.28, 0.00, 0.04, 0.45
HSL	172°, 16%, 47%
HSV	172°, 28%, 55%
XYZ	18.7912, 22.8958, 25.9832
YIQ	126.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

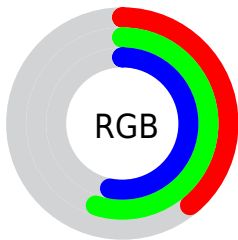
Format	Color
R_{YB}	100, 121, 139
Decimal	6589318
CIE _{Lab}	54.96, -14.60, -1.70
CIE _{LCh}	55, 14.703, 186.639
Yxy	22.8958, 0.2777, 0.3383
Android (android.graphics.Color)	4284779398 (0xFF648B86)
YUV	126.7690, 3.5649, -23.4764
Hunter-Lab	47.8495, -13.6371, 1.2991

Details

The Hex color **648B86** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B6469**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **98C1BB**, and **335954** is the 20% darker color. If you saturate the color by 10%, you get **568B84**, and if you desaturate by 10%, it is **728B88**.

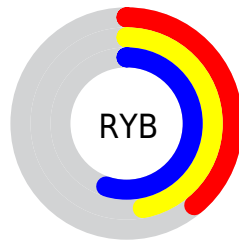
Distribution



Red (39%)

Green (55%)

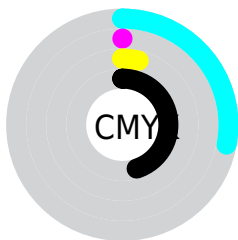
Blue (53%)



Red (39%)

Yellow (47%)

Blue (55%)

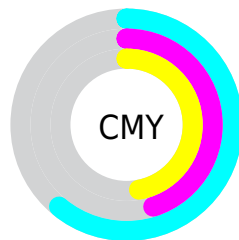


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648B86 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 648B86 by changing the saturation by 10% instead.



648B86



648B86

FFFFFF



4B716D



98C1BB



335954



B3DDD7



1C413D



CFF9F3



032B28



EBFFFF



001813



000000



648B86



648B86



568B84



728B88



488B82



808B8A

■ 3A8B81

■ 8E8B8B

■ 2C8B7F

■ 9C8B8D

■ 1F8B7D

■ AA8B8F

■ 118B7B

■ B78B91

■ 038B7A

■ C58B92

■ 008B79

■ D38B94

■ E18B96

Harmonies

Analogous

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



6E8A79



648B86



628A92

Triad

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



648B86



897F98



967F6D

Complementary

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



648B86



8B6469

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.



9D7C75



648B86



977C8E

Square

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



648B86



79849D



9E7B81



8B846A

Rectangle

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



648B86



668998



9E7B81



997E6F

Sweetspot

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



648B86



A7B5B3



698B64



535C5B



DBDBDB



5C5C5C

Same Dimension

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



648B86



77B5AD



647D8B



3E4544



008574



000504

Inverse Universe

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



8B6469



B5777F



8B7264



453E3F



850011



050001

Previews

White Background



This preview shows how the Hex color 648B86 looks on a white background.

Color Contrast Check

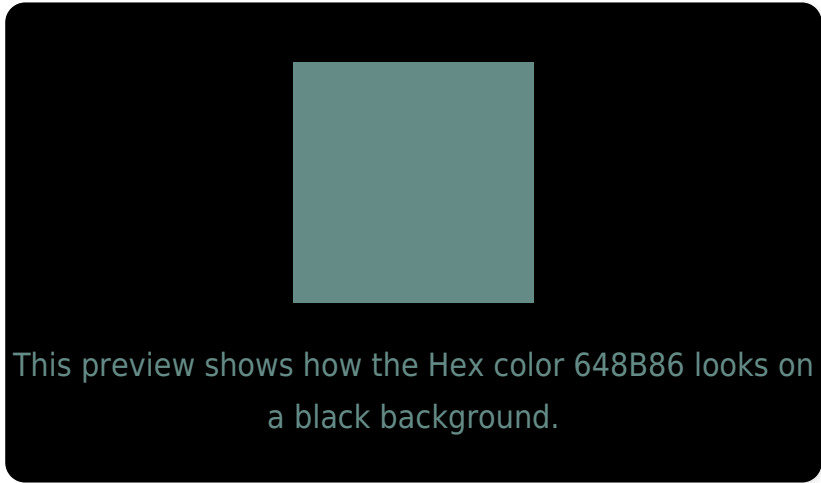
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

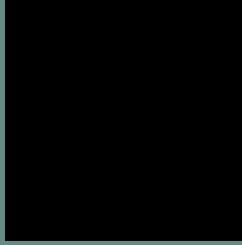
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 648B86 Background



This preview shows how black text looks on a background with the Hex color 648B86.



This preview shows how white text looks on a background with the Hex color 648B86.

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
648B86

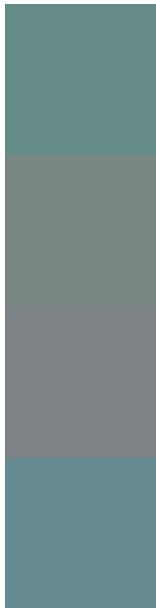
Protanopia
868381

Deuteranopia
8D7F88



Tritanopia
678994

Trichromacy



Original Color
648B86

Protanomaly
7A8683

Deuteranomaly
7E8387

Tritanomaly
668A8F

Monochromacy



Original Color
648B86

Achromatopsia
7F7F7F

Achromatomaly
758382

CSS Examples

Text

The CSS property to change the color of the text to Hex 648B86 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 #648B86 looks like.

```
.text, #text, p{  
    color:#648B86  
}
```

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 #648B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648B86
}
```

Border

The CSS property to change the border of an element to Hex 648B86 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
#648B86 }
```

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

```
.border{ border-color:#648B86 }
```

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

Here you see how a box with a 4 pixel #648B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648B86; -webkit-box-shadow:4px 4px  
4px 4px #648B86; box-shadow:4px 4px 4px  
4px #648B86 }
```

Background

The CSS property to change the background color of an element to Hex 648B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648B86 }
```

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

```
.background{ background-color:#648B86 }
```

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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