

Converting Colors

Decimal(7310198)

Have a look what the booklet for
Decimal(7310198) contains.

Decimal(7310198)	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

Decimal(7310198)

Conversions

Conversions Part 1

Format	Color
Hex	6F8B76
RGB	111, 139, 118
RGB Percent	44%, 55%, 46%
CMY	0.5647, 0.4549, 0.5373
CMYK	0.20, 0.00, 0.15, 0.45
HSL	135°, 11%, 49%
HSV	135°, 20%, 55%
XYZ	19.0582, 23.1528, 20.6040
YIQ	128.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

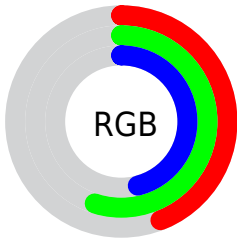
Format	Color
RYB	111, 133, 139
Decimal	7310198
CIELab	55.23, -14.37, 7.99
CIELCh	55, 16.441, 150.937
Yxy	23.1528, 0.3034, 0.3686
Android (android.graphics.Color)	4285500278 (0xFF6F8B76)
YUV	128.2340, -5.0454, -15.1142
Hunter-Lab	48.1173, -13.5055, 8.2939

Details

The Decimal color **7310198** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9138052**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10731946**, and **4151622** is the 20% darker color. If you saturate the color by 10%, you get **6392684**, and if you desaturate by 10%, it is **8227712**.

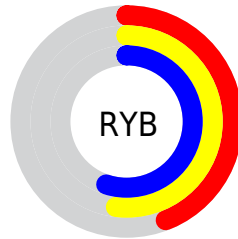
Distribution



Red (44%)

Green (55%)

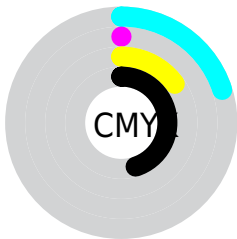
Blue (46%)



Red (44%)

Yellow (52%)

Blue (55%)

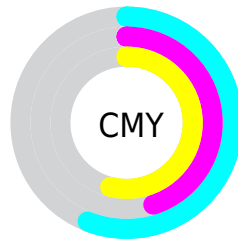


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (45%)



Cyan (56%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7310198 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 Decimal color 7310198 by changing the saturation by 10% instead.

 7310198

 7310198

16777215

 5665117

 10731946

 4151622

 12508357

 2638127


 14350817

 1256218

 16252926

 6144

 0

 7310198

 7310198

 6392684

 8227712

 5475169

 9145227

■ 4557655

■ 10062741

■ 3640140

■ 10980256

■ 2788162

■ 11897770

■ 1870647

■ 12749749

■ 953133

■ 13667263

■ 35619

■ 14584777

■ 15502292

Harmonies

Analogous

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



8357996



7310198



6458500

Triad

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



7310198



7636384



10582902

Complementary

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



7310198



9138052

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.



10517124



7310198



8880285

Square

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



7310198



6588829



9927826



10190700

Rectangle

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



7310198



6196366



9927826



10648443

Sweetspot

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



7310198



11187629



8686447



5594199



14408667



6052956

Same Dimension

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



7310198



9090452



7310212



4080960



34081



1281

Inverse Universe

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



9138052



11897514



9138038



4537923



8716387



327684

Previews

White Background



This preview shows how the Decimal color 7310198 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



This preview shows how the Decimal color 7310198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

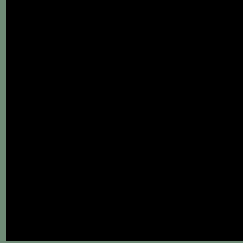
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

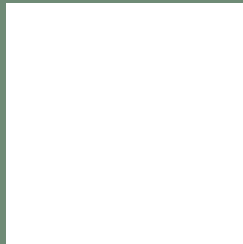
Any Text WCAG AAA × Fail

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

Decimal 7310198 Background



This preview shows how black text looks on a background with the Decimal color 7310198.



This preview shows how white text looks on a background with the Decimal color 7310198.

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
7310198

Protanopia
9077874

Deuteranopia
9797496

Trichromacy



Original Color
7310198

Protanomaly
8423283

Deuteranomaly
8881015

Tritanomaly
7506056

Monochromacy



Original Color
7310198

Achromatopsia
8421504

Achromatomaly
8029308

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7310198 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 #6F8B76 looks like.

```
.text, #text, p{  
    color:#6F8B76  
}
```

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 #6F8B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8B76
}
```

Border

The CSS property to change the border of an element to Decimal 7310198 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
#6F8B76 }
```

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

```
.border{ border-color:#6F8B76 }
```

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

Here you see how a box with a 4 pixel #6F8B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8B76; -webkit-box-shadow:4px 4px  
4px 4px #6F8B76; box-shadow:4px 4px 4px  
4px #6F8B76 }
```

Background

The CSS property to change the background color of an element to Decimal 7310198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8B76 }
```

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

```
.background{ background-color:#6F8B76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor