

Converting Colors

Decimal(6983566)

Have a look what the booklet for
Decimal(6983566) contains.

Decimal(6983566)	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(6983566)

Conversions

Conversions Part 1

Format	Color
Hex	6A8F8E
RGB	106, 143, 142
RGB Percent	42%, 56%, 56%
CMY	0.5843, 0.4392, 0.4431
CMYK	0.26, 0.00, 0.01, 0.44
HSL	178°, 15%, 49%
HSV	178°, 26%, 56%
XYZ	20.6488, 24.6621, 29.2631
YIQ	131.8230, -21.7310, -8.1550

Conversions

Conversions Part 2

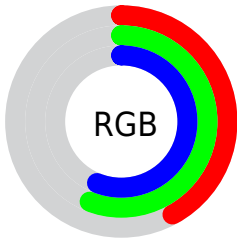
Format	Color
RYB	106, 125, 143
Decimal	6983566
CIELab	56.74, -12.98, -3.65
CIElCh	57, 13.480, 195.691
Yxy	24.6621, 0.2769, 0.3307
Android (android.graphics.Color)	4285173646 (0xFF6A8F8E)
YUV	131.8230, 5.0173, -22.6468
Hunter-Lab	49.6609, -12.6871, -0.1745

Details

The Decimal color **6983566** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9398891**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **10405316**, and **3759452** is the 20% darker color. If you saturate the color by 10%, you get **6066062**, and if you desaturate by 10%, it is **7901070**.

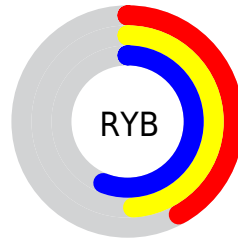
Distribution



Red (42%)

Green (56%)

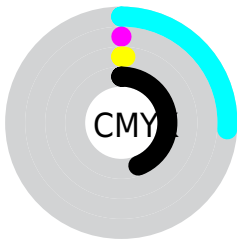
Blue (56%)



Red (42%)

Yellow (49%)

Blue (56%)

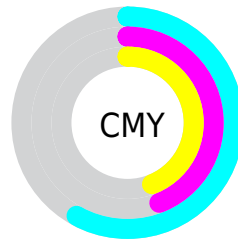


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6983566 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 6983566 by changing the saturation by 10% instead.



6983566



6983566

16777215



5338484



10405316



3759452



12247520



2180420



14089724



536366



15925247



6937



0



6983566



6983566



6066062



7901070



5083021



8884111

■ 4165517

■ 9801615

■ 3248012

■ 10719120

■ 2330508

■ 11702160

■ 1347468

■ 12619664

■ 429963

■ 13537169

■ 36747

■ 14454673

■ 15437713

Harmonies

Analogous

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



7442306



6983566



7048856

Triad

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



6983566



9601945



9930098

Complementary

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



6983566



9398891

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.



10453624



6983566



10256782

Square

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



6983566



8619935



10584194



9144690

Rectangle

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



6983566



7441565



10584194



10126451

Sweetspot

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



6983566



11254458



7049066



5594718



14606046



6184542

Same Dimension

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



6983566



8436409



6979215



4212551



34691



2055

Inverse Universe

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



9398891



12222594



9403242



4669504



8847364



524288

Previews

White Background



This preview shows how the Decimal color 6983566 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 6983566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

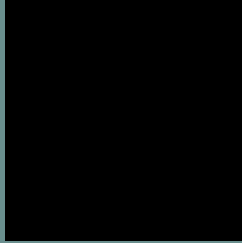
Any Text WCAG AA ✓ Pass

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 6983566 Background



This preview shows how black text looks on a background with the Decimal color 6983566.

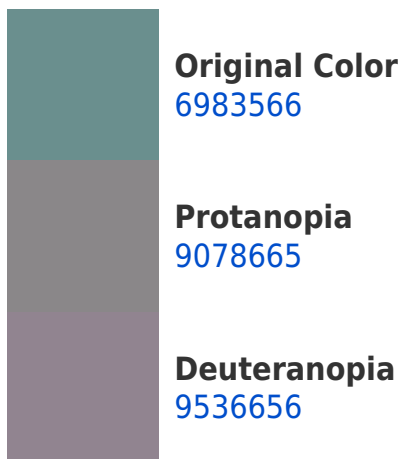


This preview shows how white text looks on a background with the Decimal color 6983566.

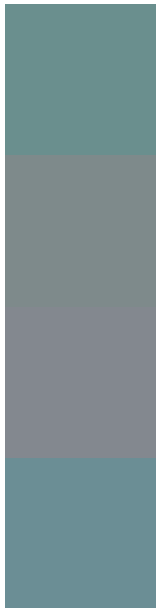
Color Blindness Simulation

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



Trichromacy



Original Color
6983566

Protanomaly
8293003

Deuteranomaly
8620175

Tritanomaly
7048853

Monochromacy



Original Color
6983566

Achromatopsia
8684676

Achromatomaly
8095880

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6983566 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 #6A8F8E looks like.

```
.text, #text, p{  
  color:#6A8F8E  
}
```

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 #6A8F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8F8E
}
```

Border

The CSS property to change the border of an element to Decimal 6983566 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".

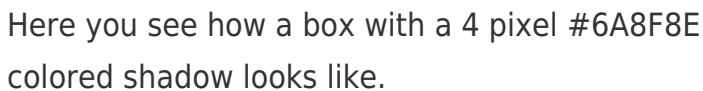
```
.border, #border, table{ border:4px solid
#6A8F8E }
```

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

```
.border{ border-color:#6A8F8E }
```

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

Here you see how a box with a 4 pixel #6A8F8E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8F8E; -webkit-box-shadow:4px 4px  
4px 4px #6A8F8E; box-shadow:4px 4px 4px  
4px #6A8F8E }
```

Background

The CSS property to change the background color of an element to Decimal 6983566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8F8E }
```

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

```
.background{ background-color:#6A8F8E }
```

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