

# Converting Colors

Decimal(6983298)

Have a look what the booklet for  
Decimal(6983298) contains.

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# Color

**Decimal(6983298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A8E82
RGB	106, 142, 130
RGB Percent	42%, 56%, 51%
CMY	0.5843, 0.4431, 0.4902
CMYK	0.25, 0.00, 0.08, 0.44
HSL	160°, 15%, 49%
HSV	160°, 25%, 56%
XYZ	19.6461, 24.0219, 24.7203
YIQ	129.8680, -17.6040, -11.3640

# Conversions

## Conversions Part 2

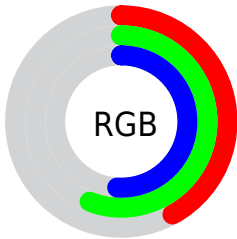
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 128, 142
Decimal	6983298
CIE <sub>Lab</sub>	56.11, -15.19, 2.32
CIE <sub>LCh</sub>	56, 15.363, 171.325
Yxy	24.0219, 0.2873, 0.3513
Android (android.graphics.Color)	4285173378 (0xFF6A8E82)
YUV	129.8680, 0.0651, -20.9322
Hunter-Lab	49.0121, -14.2209, 4.4043

# Details

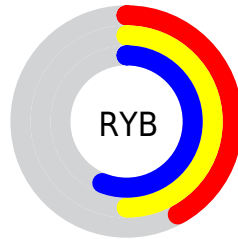
The Decimal color **6983298** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9333366**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **10405047**, and **3759185** is the 20% darker color. If you saturate the color by 10%, you get **6065789**, and if you desaturate by 10%, it is **7900807**.

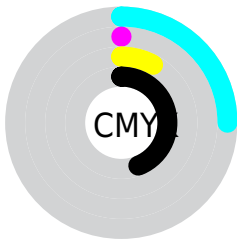
# Distribution



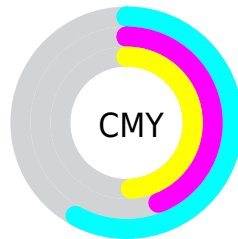
- Red (42%)
- Green (56%)
- Blue (51%)



- Red (42%)
- Yellow (50%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6983298 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 6983298 by changing the saturation by 10% instead.





6983298



6983298

16777215



5338217



10405047



3759185



12181714



2245690



14023919



732708



15925247



6671



0



6983298



6983298



6065789



7900807



5148281



8818315

■ 4165236

■ 9801360

■ 3247727

■ 10718869

■ 2330218

■ 11636378

■ 1412710

■ 12553886

■ 495201

■ 13471395

■ 36447

■ 14454440

■ 15371949

# Harmonies

## Analogous

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



7834742



6983298



6524560

# Triad

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



6983298



8684703



10453106

# Complementary

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



6983298



9333366

# 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.



10714493



6983298



9732247

# Square

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



6983298



7571873



10452363



9798764

# Rectangle

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



6983298



6589848



10452363



10583925



# Sweetspot

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



6983298



11122867



7769706



5463129



14408667



6052956



# Same Dimension

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



6983298



8501413



6982030



4212549



34650



2053



# Inverse Universe

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



9333366



12091795



9334890



4669507



8847405



524291



# Previews

## White Background



This preview shows how the Decimal color 6983298 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 6983298 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

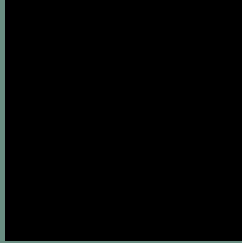
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 6983298 Background



This preview shows how black text looks on a background with the Decimal color 6983298.



This preview shows how white text looks on a background with the Decimal color 6983298.

# 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**  
6983298

**Protanopia**  
9143933

**Deuteranopia**  
9732741



# Trichromacy



**Original Color**  
6983298

**Protanomaly**  
8358271

**Deuteranomaly**  
8750724

**Tritanomaly**  
7179407

# Monochromacy



**Original Color**  
6983298

**Achromatopsia**  
8553090

**Achromatomaly**  
7964290

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6983298 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 #6A8E82 looks like.

```
.text, #text, p{  
    color:#6A8E82  
}
```

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 #6A8E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8E82
}
```

## Border

The CSS property to change the border of an element to Decimal 6983298 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".

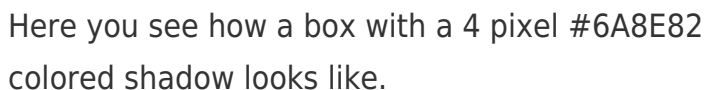
```
.border, #border, table{ border:4px solid
#6A8E82 }
```

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

```
.border{ border-color:#6A8E82 }
```

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

Here you see how a box with a 4 pixel #6A8E82 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8E82; -webkit-box-shadow:4px 4px  
4px 4px #6A8E82; box-shadow:4px 4px 4px  
4px #6A8E82 }
```

# Background

The CSS property to change the background color of an element to Decimal 6983298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8E82 }
```

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

```
.background{ background-color:#6A8E82 }
```

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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