

# Converting Colors

Decimal(6979212)

Have a look what the booklet for  
Decimal(6979212) contains.

<b>Decimal(6979212)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6979212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A7E8C
RGB	106, 126, 140
RGB Percent	42%, 49%, 55%
CMY	0.5843, 0.5059, 0.4510
CMYK	0.24, 0.10, 0.00, 0.45
HSL	205°, 14%, 48%
HSV	205°, 24%, 55%
XYZ	18.1383, 19.8793, 27.6920
YIQ	121.6160, -16.4140, 0.1140

# Conversions

## Conversions Part 2

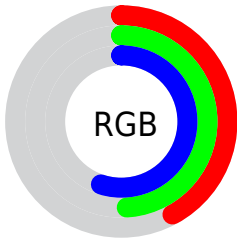
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 119, 140
Decimal	6979212
CIE <sub>Lab</sub>	51.70, -3.95, -9.99
CIE <sub>LCh</sub>	52, 10.742, 248.442
Yxy	19.8793, 0.2760, 0.3025
Android (android.graphics.Color)	4285169292 (0xFF6A7E8C)
YUV	121.6160, 9.0633, -13.6952
Hunter-Lab	44.5862, -5.4095, -5.6140

# Details

The Decimal color **6979212** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9205866**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **10400706**, and **3820890** is the 20% darker color. If you saturate the color by 10%, you get **6060172**, and if you desaturate by 10%, it is **7898252**.

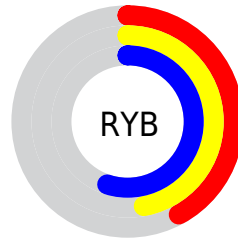
# Distribution



Red (42%)

Green (49%)

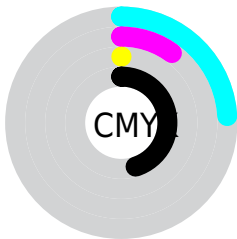
Blue (55%)



Red (42%)

Yellow (47%)

Blue (55%)

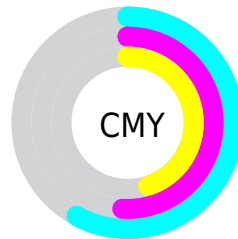


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (51%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6979212 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 6979212 by changing the saturation by 10% instead.





6979212



6979212

16777215



5334386



10400706



3820890



12177117



2307651



14019322



860460



15859711



2584



0



6979212



6979212



6060172



7898252



5141132



8817292

■ 4222348

■ 9736076

■ 3303308

■ 10655116

■ 2384268

■ 11574156

■ 1465228

■ 12493196

■ 546444

■ 13411980

■ 21132

■ 14331020

■ 15250060

# Harmonies

## Analogous

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



6586502



6979212



7699341

# Triad

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



6979212



9336185



7700077

# Complementary

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



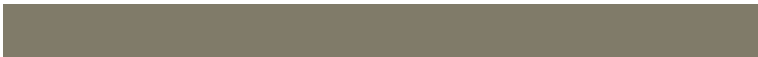
6979212



9205866

# 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.



8420201



6979212



9336432

# Square

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



6979212



9074306



9009258



7110772

# Rectangle

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



6979212



8157579



9009258



7961963



# Sweetspot

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



6979212



11055285



6982776



5527900



14408667



6052956



# Same Dimension

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



6979212



8495029



6974860



4080197



20101



773



# Inverse Universe

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



9202302



11895199



9210218



4537922



8716366



327683



# Previews

## White Background



This preview shows how the Decimal color 6979212 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 6979212 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

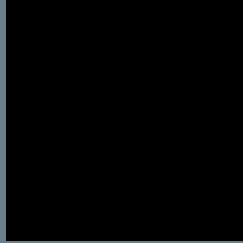
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

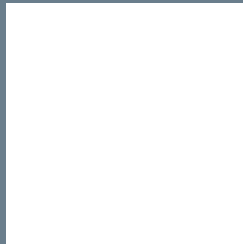
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6979212 Background



This preview shows how black text looks on a background with the Decimal color 6979212.



This preview shows how white text looks on a background with the Decimal color 6979212.

# 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**  
6979212

**Protanopia**  
7961225

**Deuteranopia**  
8288397



**Tritanopia**  
6913929

# Trichromacy



**Original Color**  
6979212

**Protanomaly**  
7633802

**Deuteranomaly**  
7830157

**Tritanomaly**  
6913930

# Monochromacy



**Original Color**  
6979212

**Achromatopsia**  
8026746

**Achromatomaly**  
7633793

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6979212 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 #6A7E8C looks like.

```
.text, #text, p{  
    color:#6A7E8C  
}
```

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 #6A7E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7E8C
}
```

## Border

The CSS property to change the border of an element to Decimal 6979212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

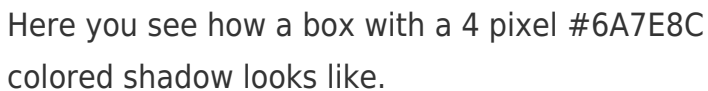
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7E8C }
```

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

```
.border{ border-color:#6A7E8C }
```

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



Here you see how a box with a 4 pixel #6A7E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7E8C; -webkit-box-shadow:4px 4px  
4px 4px #6A7E8C; box-shadow:4px 4px 4px  
4px #6A7E8C }
```

# Background

The CSS property to change the background color of an element to Decimal 6979212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7E8C }
```

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

```
.background{ background-color:#6A7E8C }
```

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