

# Converting Colors

Decimal(6977933)

Have a look what the booklet for  
Decimal(6977933) contains.

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# Color

**Decimal(6977933)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 6A798D                     |
| RGB         | 106, 121, 141              |
| RGB Percent | 42%, 47%, 55%              |
| CMY         | 0.5843, 0.5255, 0.4471     |
| CMYK        | 0.25, 0.14, 0.00, 0.45     |
| HSL         | 214°, 14%, 48%             |
| HSV         | 214°, 25%, 55%             |
| XYZ         | 17.5889, 18.6620, 27.8744  |
| YIQ         | 118.7950, -15.3600, 3.0400 |

# Conversions

## Conversions Part 2

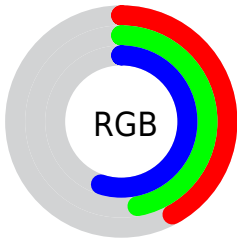
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 106, 117, 141                  |
| Decimal                             | 6977933                        |
| CIE Lab                             | 50.29, -0.80, -12.70           |
| CIE LCh                             | 50, 12.726, 266.392            |
| Yxy                                 | 18.6620, 0.2743,<br>0.2910     |
| Android<br>(android.graphics.Color) | 4285168013<br>(0xFF6A798D)     |
| YUV                                 | 118.7950, 10.9471,<br>-11.2212 |
| Hunter-Lab                          | 43.1995, -2.9219,<br>-8.0170   |

# Details

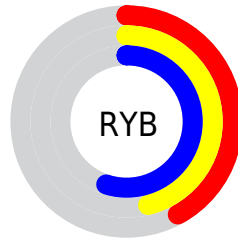
The Decimal color **6977933** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9272938**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10399171**, and **3819867** is the 20% darker color. If you saturate the color by 10%, you get **6058381**, and if you desaturate by 10%, it is **7897485**.

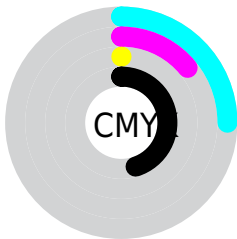
# Distribution



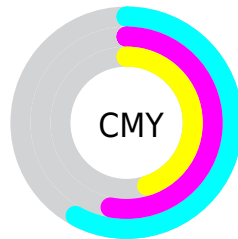
- Red (42%)
- Green (47%)
- Blue (55%)



- Red (42%)
- Yellow (46%)
- Blue (55%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (53%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6977933 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 6977933 by changing the saturation by 10% instead.





6977933



6977933

16777215



5333107



10399171



3819867



12175839



2306627



14018043



859437



15859711



793



0



6977933



6977933



6058381



7897485



5138829



8817037

■ 4219277

■ 9736589

■ 3299725

■ 10656141

■ 2380173

■ 11641229

■ 1395085

■ 12560781

■ 475533

■ 13480333

■ 15501

■ 14399885

■ 15319693

# Harmonies

## Analogous

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



6257801



6977933



7894411

# Triad

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



6977933



9335151



6913387

# Complementary

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



6977933



9272938

# 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.



7764580



6977933



9073510

# Square

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



6977933



9269369



8549986



6258294

# Rectangle

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



6977933



8483719



8549986



7175273



# Sweetspot

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



6977933



11251896



6983038



5527644



14408667



6052956



# Same Dimension

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



6977933



8493240



7105165



4211527



14983



776



# Inverse Universe

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



9267833



12091800



9145706



4669507



8847418



524291



# Previews

## White Background



This preview shows how the Decimal color 6977933 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 6977933 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

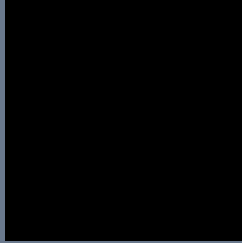
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

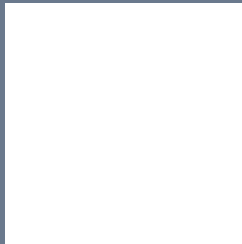
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6977933 Background



This preview shows how black text looks on a background with the Decimal color 6977933.



This preview shows how white text looks on a background with the Decimal color 6977933.

# 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**  
6977933

**Protanopia**  
7632523

**Deuteranopia**  
7894414



**Tritanopia**  
6847108

# Trichromacy



**Original Color**  
6977933

**Protanomaly**  
7370636

**Deuteranomaly**  
7566990

**Tritanomaly**  
6912647

# Monochromacy



**Original Color**  
6977933

**Achromatopsia**  
7829367

**Achromatomaly**  
7501951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6977933 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 #6A798D looks like.

```
.text, #text, p{  
    color:#6A798D  
}
```

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 #6A798D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A798D
}
```

## Border

The CSS property to change the border of an element to Decimal 6977933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

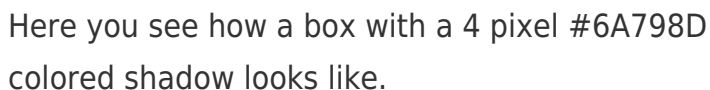
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A798D }
```

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

```
.border{ border-color:#6A798D }
```

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



Here you see how a box with a 4 pixel #6A798D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A798D; -webkit-box-shadow:4px 4px  
4px 4px #6A798D; box-shadow:4px 4px 4px  
4px #6A798D }
```

# Background

The CSS property to change the background color of an element to Decimal 6977933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A798D }
```

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

```
.background{ background-color:#6A798D }
```

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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