

# Converting Colors

Decimal(6975098)

Have a look what the booklet for  
Decimal(6975098) contains.

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# Color

**Decimal(6975098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A6E7A
RGB	106, 110, 122
RGB Percent	42%, 43%, 48%
CMY	0.5843, 0.5686, 0.5216
CMYK	0.13, 0.10, 0.00, 0.52
HSL	225°, 7%, 45%
HSV	225°, 13%, 48%
XYZ	15.0326, 15.6212, 20.6352
YIQ	110.1720, -6.2360, 2.8840

# Conversions

## Conversions Part 2

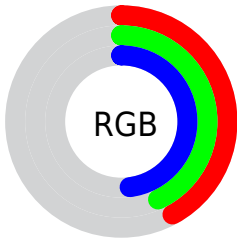
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 109, 122
Decimal	6975098
CIE Lab	46.47, 1.11, -7.17
CIE LCh	46, 7.254, 278.841
Yxy	15.6212, 0.2931, 0.3046
Android (android.graphics.Color)	4285165178 (0xFF6A6E7A)
YUV	110.1720, 5.8312, -3.6588
Hunter-Lab	39.5236, -1.2747, -3.2887

# Details

The Decimal color **6975098** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8025706**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **10330798**, and **3882825** is the 20% darker color. If you saturate the color by 10%, you get **6186362**, and if you desaturate by 10%, it is **7763834**.

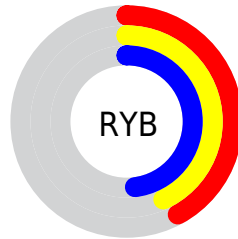
# Distribution



Red (42%)

Green (43%)

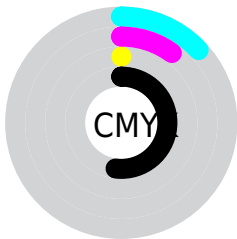
Blue (48%)



Red (42%)

Yellow (43%)

Blue (48%)

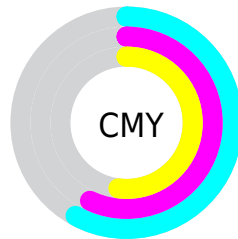


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (57%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6975098 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 6975098 by changing the saturation by 10% instead.



■ 6975098

■ 6975098

16777215

■ 5396065

■ 10330798

■ 3882825

■ 12107210

■ 2435379

■ 13949158

■ 1053726

■ 15791615

■ 3

■ 0

■ 6975098

■ 6975098

■ 6186362

■ 7763834

■ 5397626

■ 8552570

■ 4543354

■ 9406842

■ 3754362

■ 10195834

■ 2965626

■ 10984570

■ 2176890

■ 11773306

■ 1388154

■ 12562042

■ 533882

■ 13416314

■ 8058

■ 14205050

# Harmonies

## Analogous

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



6516857



6975098



7498872

# Triad

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



6975098



8088423



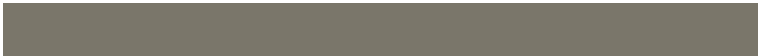
6582634

# Complementary

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



6975098



8025706

# 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.



6975589



6975098



7826531

# Square

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



6975098



8088172



7433826



6320752

# Rectangle

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



6975098



7760756



7433826



6713704



# Sweetspot

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



6975098



10000798



6978166



4934735



13619151



5197647



# Same Dimension

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



6975098



8752030



7236218



3619133



8061



16380



# Inverse Universe

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



8022638



10388875



7764586



4011833



8192031



16515135



# Previews

## White Background



This preview shows how the Decimal color 6975098 looks on a white background.

## Color Contrast Check

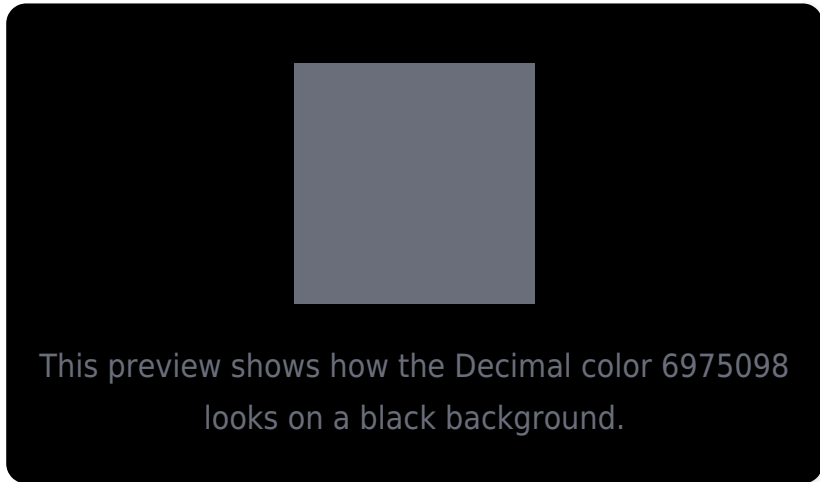
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

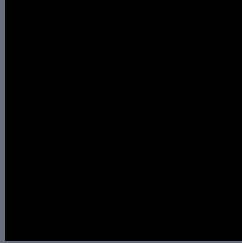
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

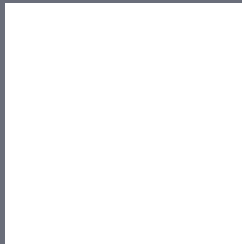
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6975098 Background



This preview shows how black text looks on a background with the Decimal color 6975098.



This preview shows how white text looks on a background with the Decimal color 6975098.

# 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**  
6975098

**Protanopia**  
7171450

**Deuteranopia**  
7564155



**Tritanopia**  
6975095

# Trichromacy



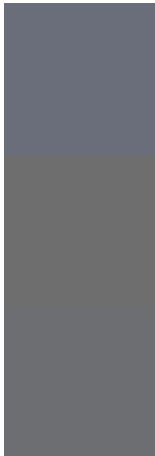
**Original Color**  
6975098

**Protanomaly**  
7105914

**Deuteranomaly**  
7367803

**Tritanomaly**  
6975096

# Monochromacy



**Original Color**  
6975098

**Achromatopsia**  
7237230

**Achromatomaly**  
7171698

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6975098 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 #6A6E7A looks like.

```
.text, #text, p{  
    color:#6A6E7A  
}
```

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 #6A6E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6E7A
}
```

## Border

The CSS property to change the border of an element to Decimal 6975098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

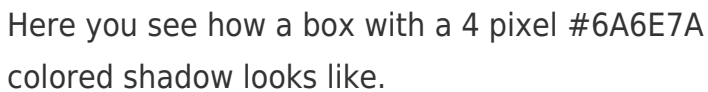
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6E7A }
```

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

```
.border{ border-color:#6A6E7A }
```

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



Here you see how a box with a 4 pixel #6A6E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6E7A; -webkit-box-shadow:4px 4px  
4px 4px #6A6E7A; box-shadow:4px 4px 4px  
4px #6A6E7A }
```

# Background

The CSS property to change the background color of an element to Decimal 6975098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6E7A }
```

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

```
.background{ background-color:#6A6E7A }
```

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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