

# Converting Colors

Decimal(7172984)

Have a look what the booklet for  
Decimal(7172984) contains.

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# Color

**Decimal(7172984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7378
RGB	109, 115, 120
RGB Percent	43%, 45%, 47%
CMY	0.5725, 0.5490, 0.5294
CMYK	0.09, 0.04, 0.00, 0.53
HSL	207°, 5%, 45%
HSV	207°, 9%, 47%
XYZ	15.8276, 16.8687, 20.1911
YIQ	113.7760, -5.1810, 0.2830

# Conversions

## Conversions Part 2

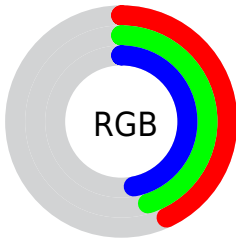
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 113, 120
Decimal	7172984
CIELab	48.09, -1.19, -3.54
CIElCh	48, 3.736, 251.488
Yxy	16.8687, 0.2993, 0.3190
Android (android.graphics.Color)	4285363064 (0xFF6D7378)
YUV	113.7760, 3.0684, -4.1886
Hunter-Lab	41.0716, -3.0875, -0.3973

# Details

The Decimal color **7172984** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7893613**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **10594220**, and **4014920** is the 20% darker color. If you saturate the color by 10%, you get **6385272**, and if you desaturate by 10%, it is **7960696**.

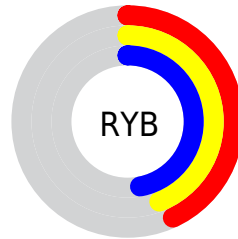
# Distribution



Red (43%)

Green (45%)

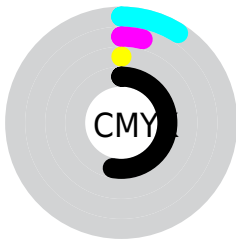
Blue (47%)



Red (43%)

Yellow (44%)

Blue (47%)

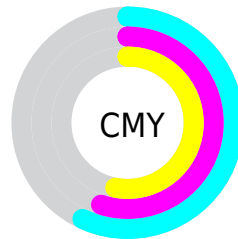


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (55%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7172984 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 7172984 by changing the saturation by 10% instead.





7172984



7172984

16777215



5593695



10594220



4014920



12370632



2633009



14147300



1251356



16055039



1



0



7172984



7172984



6385272



7960696



5597304



8748664

■ 4809592

■ 9536376

■ 4021624

■ 10324344

■ 3233912

■ 11112056

■ 2445944

■ 11900024

■ 1658232

■ 12687736

■ 870264

■ 13475704

■ 82552

■ 14263416

# Harmonies

## Analogous

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



7042166



7172984



7369336

# Triad

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



7172984



7958641



7369581

# Complementary

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



7172984



7893613

# 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.



7631468



7172984



7958638

# Square

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



7172984



7827572



7827820



7173232

# Rectangle

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



7172984



7565687



7827820



7435117



# Sweetspot

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



7172984



9935260



7174258



5000783



13619151



5197647



# Same Dimension

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



7172984



9082012



7171704



3619389



17533



35580



# Inverse Universe

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



7892339



10259092



7894893



4011834



8192068



16515210



# Previews

## White Background



This preview shows how the Decimal color 7172984 looks on a white background.

## Color Contrast Check

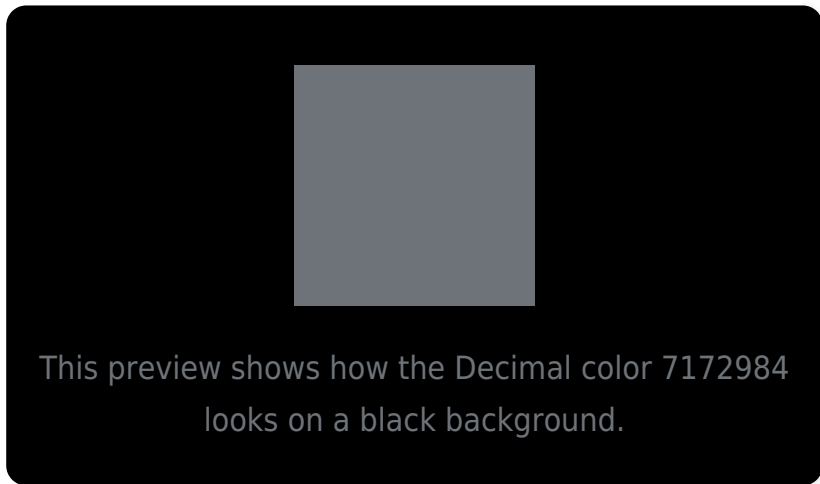
Large Text (above 18pt) WCAG AA ✓ Pass

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

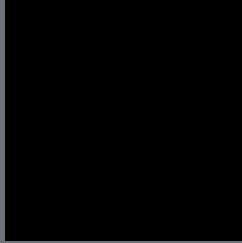
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

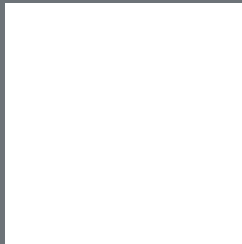
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7172984 Background



This preview shows how black text looks on a background with the Decimal color 7172984.



This preview shows how white text looks on a background with the Decimal color 7172984.

# 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**  
7172984

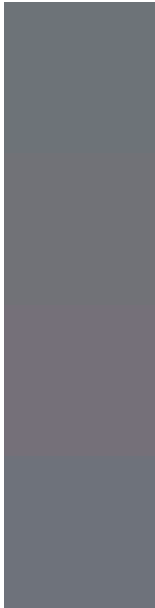
**Protanopia**  
7565687

**Deuteranopia**  
8023929



**Tritanopia**  
7238268

# Trichromacy



**Original Color**

7172984

**Protanomaly**

7434871

**Deuteranomaly**

7696505

**Tritanomaly**

7238267

# Monochromacy



**Original Color**

7172984

**Achromatopsia**

7500402

**Achromatomaly**

7369332

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7172984 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 #6D7378 looks like.

```
.text, #text, p{  
    color:#6D7378  
}
```

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 #6D7378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7378  
}
```

## Border

The CSS property to change the border of an element to Decimal 7172984 is called "border". The border property can be set on classes, ids or directly on the HTML element.

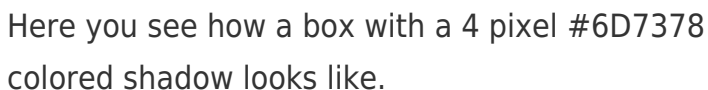
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6D7378 }
```

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

```
.border{ border-color:#6D7378 }
```

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



Here you see how a box with a 4 pixel #6D7378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7378; -webkit-box-shadow:4px 4px  
4px 4px #6D7378; box-shadow:4px 4px 4px  
4px #6D7378 }
```

# Background

The CSS property to change the background color of an element to Decimal 7172984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7378 }
```

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

```
.background{ background-color:#6D7378 }
```

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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