

# Converting Colors

Decimal(7249833)

Have a look what the booklet for  
Decimal(7249833) contains.

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# **Color**

**Decimal(7249833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E9FA9
RGB	110, 159, 169
RGB Percent	43%, 62%, 66%
CMY	0.5686, 0.3765, 0.3373
CMYK	0.35, 0.06, 0.00, 0.34
HSL	190°, 26%, 55%
HSV	190°, 35%, 66%
XYZ	25.9900, 30.9758, 42.1452
YIQ	145.4890, -32.4140, -7.2780

# Conversions

## Conversions Part 2

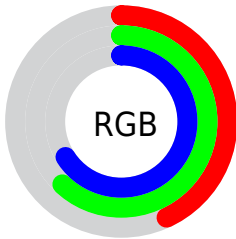
Format	Color
<a href="#">RYB</a>	<a href="#">110, 137, 169</a>
Decimal	<a href="#">7249833</a>
CIELab	<a href="#">62.49, -13.77, -10.43</a>
CIElCh	<a href="#">62, 17.279, 217.142</a>
Yxy	<a href="#">30.9758, 0.2622, 0.3125</a>
Android (android.graphics.Color)	<a href="#">4285439913</a> (0xFF6E9FA9)
YUV	<a href="#">145.4890, 11.5909, -31.1239</a>
Hunter-Lab	<a href="#">55.6559, -14.0427, -5.9379</a>

# Details

The Decimal color **7249833** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11106414**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **10802912**, and **3894133** is the 20% darker color. If you saturate the color by 10%, you get **6134953**, and if you desaturate by 10%, it is **8364713**.

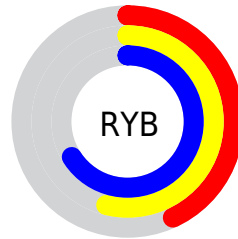
# Distribution



Red (43%)

Green (62%)

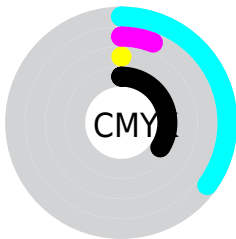
Blue (66%)



Red (43%)

Yellow (54%)

Blue (66%)

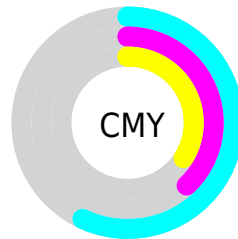


Cyan (35%)

Magenta (6%)

Yellow (0%)

Black (34%)



Cyan (57%)

Magenta (38%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7249833 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 7249833 by changing the saturation by 10% instead.





7249833



7249833

16777215



5539215



10802912



3894133



12579581



2118492



14483455



15429



16383999



9775



4378



0



7249833



7249833



6134953



8364713

■ 5020073

■ 9479593

■ 3905193

■ 10594473

■ 2790569

■ 11709097

■ 1675689

■ 12758441

■ 626345

■ 13873321

■ 36009

■ 14988201

■ 16103081

■ 16759209

# Harmonies

## Analogous

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



7446682



7249833



7904435

# Triad

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



7249833



11439779



10459001

# Complementary

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



7249833



11106414

# 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.



11375227



7249833



11963540

# Square

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



7249833



10392240



11964037



9346174

# Rectangle

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



7249833



8690101



11964037



10786425



# Sweetspot

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



7249833



12966107



7252344



6318958



15592941



7237230



# Same Dimension

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



7249833



8375515



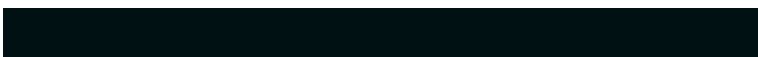
7242409



5002068



31636



4372



# Inverse Universe

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



11103903



14385100



11113838



5524563



9699451



1310737



# Previews

## White Background



This preview shows how the Decimal color 7249833 looks on a white background.

## Color Contrast Check

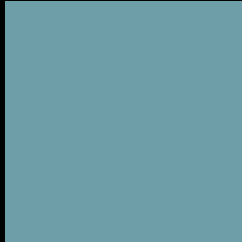
Large Text (above 18pt) WCAG AA × Fail

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 7249833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

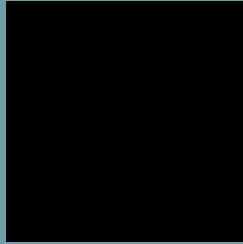
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7249833 Background



This preview shows how black text looks on a background with the Decimal color 7249833.

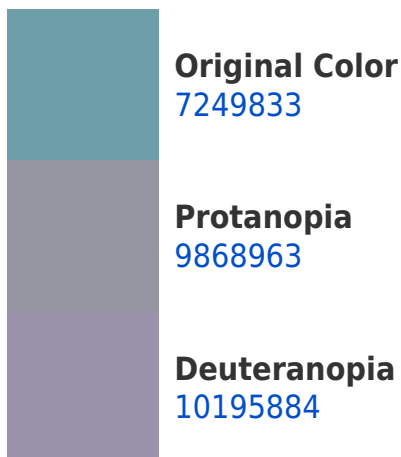


This preview shows how white text looks on a background with the Decimal color 7249833.

# 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





**Tritanopia**  
7315371

# Trichromacy



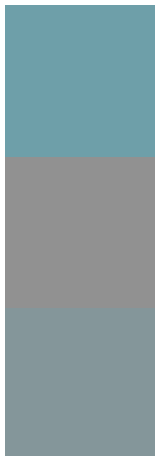
**Original Color**  
7249833

**Protanomaly**  
8886693

**Deuteranomaly**  
9148331

**Tritanomaly**  
7315370

# Monochromacy



**Original Color**  
7249833

**Achromatopsia**  
9539985

**Achromatomaly**  
8689306

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7249833 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 #6E9FA9 looks like.

```
.text, #text, p{  
    color:#6E9FA9  
}
```

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 #6E9FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9FA9
}
```

## Border

The CSS property to change the border of an element to Decimal 7249833 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
#6E9FA9 }
```

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

```
.border{ border-color:#6E9FA9 }
```

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

Here you see how a box with a 4 pixel #6E9FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9FA9; -webkit-box-shadow:4px 4px  
4px 4px #6E9FA9; box-shadow:4px 4px 4px  
4px #6E9FA9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7249833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9FA9 }
```

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

```
.background{ background-color:#6E9FA9 }
```

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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