

# Converting Colors

Decimal(7234959)

Have a look what the booklet for  
Decimal(7234959) contains.

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# Color

**Decimal(7234959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E658F
RGB	110, 101, 143
RGB Percent	43%, 40%, 56%
CMY	0.5686, 0.6039, 0.4392
CMYK	0.23, 0.29, 0.00, 0.44
HSL	253°, 17%, 48%
HSV	253°, 29%, 56%
XYZ	16.0420, 14.6055, 27.9602
YIQ	108.4790, -8.1180, 14.9700

# Conversions

## Conversions Part 2

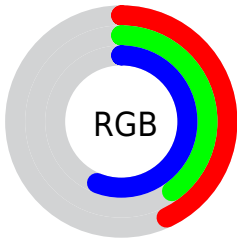
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 101, 143
Decimal	7234959
CIE <sub>Lab</sub>	45.09, 13.00, -21.80
CIE <sub>LCh</sub>	45, 25.381, 300.819
Yxy	14.6055, 0.2737, 0.2492
Android (android.graphics.Color)	4285425039 (0xFF6E658F)
YUV	108.4790, 17.0189, 1.3339
Hunter-Lab	38.2172, 8.0470, -16.6254

# Details

The Decimal color **7234959** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8818533**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10655941**, and **4011612** is the 20% darker color. If you saturate the color by 10%, you get **6510479**, and if you desaturate by 10%, it is **7959439**.

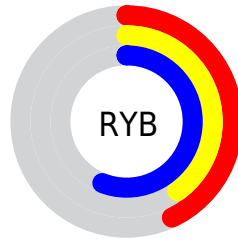
# Distribution



Red (43%)

Green (40%)

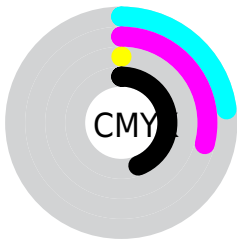
Blue (56%)



Red (43%)

Yellow (40%)

Blue (56%)

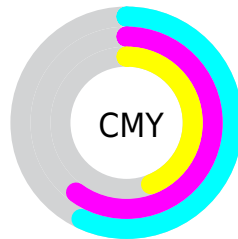


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (60%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7234959 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 7234959 by changing the saturation by 10% instead.





7234959



7234959

16777215



5590389



10655941



4011612



12497889



2498885



14274302



1116974



16182015



281



0



7234959



7234959



6510479



7959439



5785743



8684175

■ 4995727

■ 9474191

■ 4271247

■ 10198671

■ 3546511

■ 10923151

■ 2822031

■ 11647887

■ 2032015

■ 12437903

■ 2031759

■ 13162383

■ 13887119

# Harmonies

## Analogous

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



5139861



7234959



8806016

# Triad

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



7234959



9069126



3044971

# Complementary

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



7234959



8818533

# 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.



4813909



7234959



7891520

# Square

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



7234959



9657430



6451270



1734272

# Rectangle

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



7234959



9460594



6451270



3634787



# Sweetspot

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



7234959



11381178



6653839



5657694



14606046



6184542



# Same Dimension

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



7234959



8878522



8545679



4341831



1900679



131080



# Inverse Universe

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



9397638



12220844



7507813



4669510



8847466



524294



# Previews

## White Background



This preview shows how the Decimal color 7234959 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



This preview shows how the Decimal color 7234959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

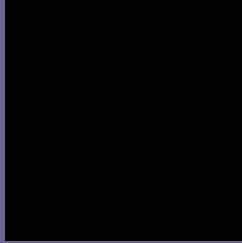
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7234959 Background



This preview shows how black text looks on a background with the Decimal color 7234959.



This preview shows how white text looks on a background with the Decimal color 7234959.

# 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**


7234959

**Protanopia**

6252946

**Deuteranopia**

6384014



**Tritanopia**  
6908531

# Trichromacy



**Original Color**  
7234959

**Protanomaly**  
6580369

**Deuteranomaly**  
6711438

**Tritanomaly**  
7039101

# Monochromacy



**Original Color**  
7234959

**Achromatopsia**  
7105644

**Achromatomaly**  
7170425

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7234959 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 #6E658F looks like.

```
.text, #text, p{  
    color:#6E658F  
}
```

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 #6E658F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E658F
}
```

## Border

The CSS property to change the border of an element to Decimal 7234959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

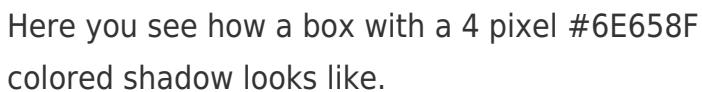
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E658F }
```

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

```
.border{ border-color:#6E658F }
```

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



Here you see how a box with a 4 pixel #6E658F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E658F; -webkit-box-shadow:4px 4px  
4px 4px #6E658F; box-shadow:4px 4px 4px  
4px #6E658F }
```

# Background

The CSS property to change the background color of an element to Decimal 7234959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E658F }
```

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

```
.background{ background-color:#6E658F }
```

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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