

# Converting Colors

Decimal(6379633)

Have a look what the booklet for  
Decimal(6379633) contains.

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# Color

**Decimal(6379633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	615871
RGB	97, 88, 113
RGB Percent	38%, 35%, 44%
CMY	0.6196, 0.6549, 0.5569
CMYK	0.14, 0.22, 0.00, 0.56
HSL	262°, 12%, 39%
HSV	262°, 22%, 44%
XYZ	11.4001, 10.7131, 17.0898
YIQ	93.5410, -2.6610, 9.6830

# Conversions

## Conversions Part 2

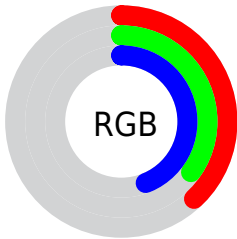
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 88, 113
Decimal	6379633
CIE Lab	39.09, 9.11, -12.90
CIE LCh	39, 15.790, 305.244
Yxy	10.7131, 0.2908, 0.2733
Android (android.graphics.Color)	4284569713 (0xFF615871)
YUV	93.5410, 9.5933, 3.0335
Hunter-Lab	32.7309, 4.8924, -8.0455

# Details

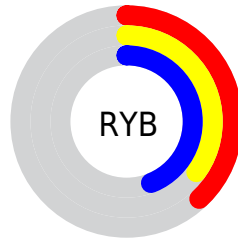
The Decimal color **6379633** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6844760**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **9734821**, and **3287873** is the 20% darker color. If you saturate the color by 10%, you get **5918065**, and if you desaturate by 10%, it is **6841201**.

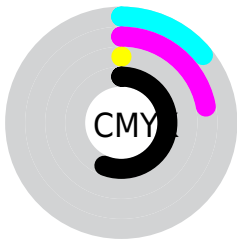
# Distribution



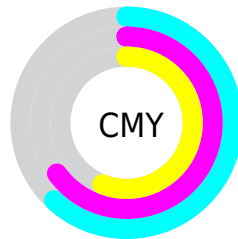
- Red (38%)
- Green (35%)
- Blue (44%)



- Red (38%)
- Yellow (35%)
- Blue (44%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6379633 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 6379633 by changing the saturation by 10% instead.





6379633



6379633

16777215



4800856



9734821



3287873



11510976



1906219



13287388



65559



15129592



0



16775423



6379633



6379633



5918065



6841201



5456241



7303025

■ 4929137

■ 7830129

■ 4467569

■ 8291697

■ 4005745

■ 8753265

■ 3544177

■ 9215089

■ 3017073

■ 9742193

■ 2687089

■ 10203761

■ 10665585

# Harmonies

## Analogous

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



5266549



6379633



7296103

# Triad

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



6379633



7297093



3892062

# Complementary

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



6379633



6844760

# 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.



4678225



6379633



6511683

# Square

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



6379633



7689294



5595207



3629930

# Rectangle

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



6379633



7623519



5595207



4088665



# Sweetspot

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



6379633



9276052



5793905



4605002



13224393



4868682



# Same Dimension

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



6379633



8023188



7166065



3486264



2818168



5832951



# Inverse Universe

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



7428200



9727110



6058328



3682870



7864397



16187550



# Previews

## White Background



This preview shows how the Decimal color 6379633 looks on a white background.

## Color Contrast Check

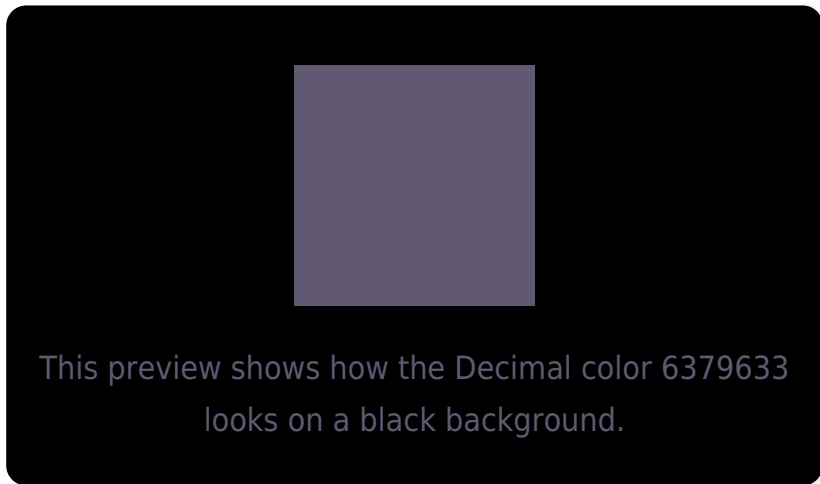
Large Text (above 18pt) WCAG AA ✓ Pass

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

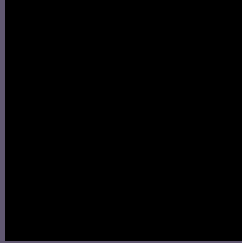
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6379633 Background



This preview shows how black text looks on a background with the Decimal color 6379633.



This preview shows how white text looks on a background with the Decimal color 6379633.

# 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**  
6379633

**Protanopia**  
5659507

**Deuteranopia**  
5986929



**Tritanopia**  
6183778

# Trichromacy



**Original Color**

6379633

**Protanomaly**

5921394

**Deuteranomaly**

6117745

**Tritanomaly**

6249063

# Monochromacy



**Original Color**

6379633

**Achromatopsia**

6184542

**Achromatomaly**

6249573

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6379633 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 #615871 looks like.

```
.text, #text, p{  
    color:#615871  
}
```

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 #615871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615871
}
```

## Border

The CSS property to change the border of an element to Decimal 6379633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

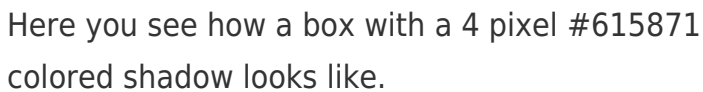
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615871 }
```

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

```
.border{ border-color:#615871 }
```

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



Here you see how a box with a 4 pixel #615871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615871; -webkit-box-shadow:4px 4px  
4px 4px #615871; box-shadow:4px 4px 4px  
4px #615871 }
```

# Background

The CSS property to change the background color of an element to Decimal 6379633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615871 }
```

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

```
.background{ background-color:#615871 }
```

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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