

# Converting Colors

Decimal(6832479)

Have a look what the booklet for  
Decimal(6832479) contains.

<b>Decimal(6832479)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6832479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68415F
RGB	104, 65, 95
RGB Percent	41%, 25%, 37%
CMY	0.5922, 0.7451, 0.6275
CMYK	0.00, 0.38, 0.09, 0.59
HSL	314°, 23%, 33%
HSV	314°, 38%, 41%
XYZ	9.6648, 7.5499, 11.7744
YIQ	80.0810, 13.6140, 17.5980

# Conversions

## Conversions Part 2

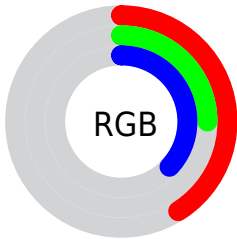
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 65, 95
Decimal	6832479
CIE <sub>Lab</sub>	33.03, 22.05, -10.75
CIE <sub>LCh</sub>	33, 24.533, 334.000
Yxy	7.5499, 0.3334, 0.2604
Android (android.graphics.Color)	4285022559 (0xFF68415F)
YUV	80.0810, 7.3551, 20.9770
Hunter-Lab	27.4770, 14.7008, -6.1728

# Details

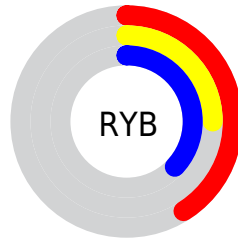
The Decimal color **6832479** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4286538**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **10252945**, and **3675185** is the 20% darker color. If you saturate the color by 10%, you get **6829917**, and if you desaturate by 10%, it is **6835041**.

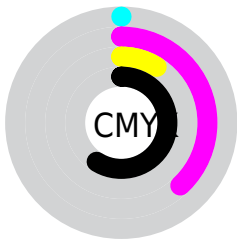
# Distribution



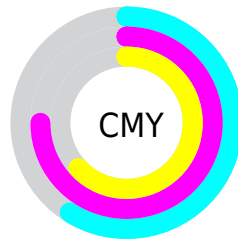
- Red (41%)
- Green (25%)
- Blue (37%)



- Red (41%)
- Yellow (25%)
- Blue (37%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (59%)



- Cyan (59%)
- Magenta (75%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6832479 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 6832479 by changing the saturation by 10% instead.



6832479

6832479

16777215

5188167

10252945

3675185

12028844

2293788

13870791

0

15712739

16768511

16775935

6832479

6832479

6829917

6835041

6827098

6837860

6824536

6840422

6821717

6843241

6819155

6845803

6816593

6848365

6815824

6851184

6853746

6856565

# Harmonies

## Analogous

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



5458030



6832479



7487052

# Triad

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



6832479



5721382



22371

# Complementary

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



6832479



4286538

# 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.



284752



6832479



4412205

# Square

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



6832479



6833963



2840124



152688

# Rectangle

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



6832479



7552831



2840124



22621



# Sweetspot

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



6832479



8878212



4800872



4537411



12895428



4539717



# Same Dimension

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



6832479



8866425



6832460



3354162



7536728



15859898



# Inverse Universe

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



6832479



8866425



4286557



3354162



7536728

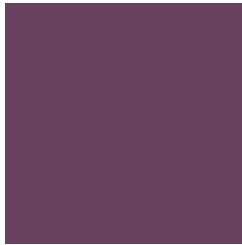


15859898



# Previews

## White Background



This preview shows how the Decimal color 6832479 looks on a white background.

## Color Contrast Check

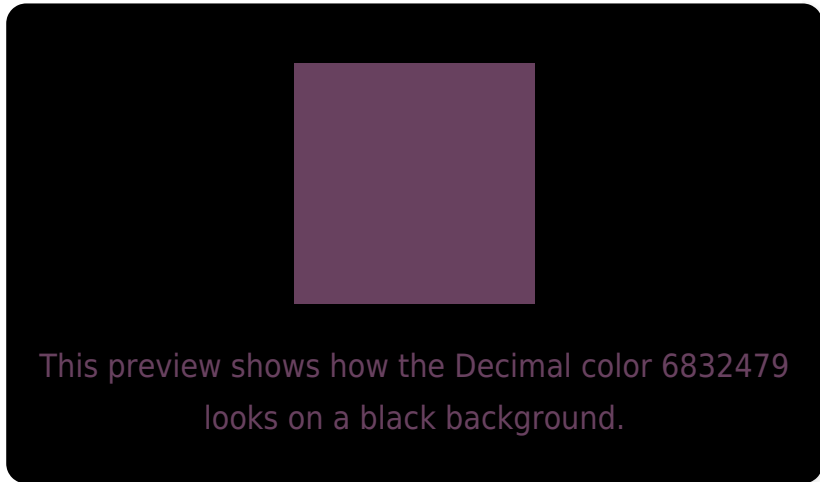
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

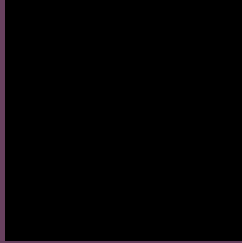
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6832479 Background



This preview shows how black text looks on a background with the Decimal color 6832479.



This preview shows how white text looks on a background with the Decimal color 6832479.

# 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**  
6832479

**Protanopia**  
4672872

**Deuteranopia**  
5131357



**Tritanopia**  
6702410

# Trichromacy



**Original Color**  
6832479

**Protanomaly**  
5458277

**Deuteranomaly**  
5720158

**Tritanomaly**  
6767698

# Monochromacy



**Original Color**  
6832479

**Achromatopsia**  
5263440

**Achromatomaly**  
5851989

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6832479 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 #68415F looks like.

```
.text, #text, p{  
    color:#68415F  
}
```

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 #68415F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68415F
}
```

## Border

The CSS property to change the border of an element to Decimal 6832479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

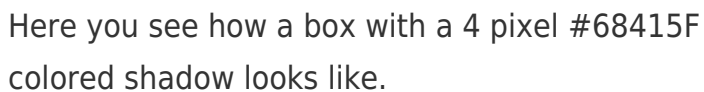
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68415F }
```

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

```
.border{ border-color:#68415F }
```

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



Here you see how a box with a 4 pixel #68415F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68415F; -webkit-box-shadow:4px 4px  
4px 4px #68415F; box-shadow:4px 4px 4px  
4px #68415F }
```

# Background

The CSS property to change the background color of an element to Decimal 6832479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68415F }
```

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

```
.background{ background-color:#68415F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor