

# Converting Colors

Decimal(6497863)

Have a look what the booklet for  
Decimal(6497863) contains.

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**Color**

**Decimal(6497863)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632647
RGB	99, 38, 71
RGB Percent	39%, 15%, 28%
CMY	0.6118, 0.8510, 0.7216
CMYK	0.00, 0.62, 0.28, 0.61
HSL	328°, 45%, 27%
HSV	328°, 62%, 39%
XYZ	6.9760, 4.4938, 6.4609
YIQ	60.0010, 25.7630, 23.1950

# Conversions

## Conversions Part 2

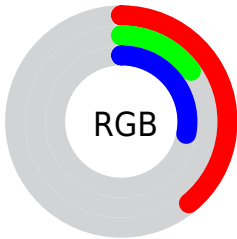
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 38, 71
Decimal	6497863
CIE <sub>Lab</sub>	25.24, 31.58, -6.90
CIE <sub>LCh</sub>	25, 32.326, 347.670
Yxy	4.4938, 0.3891, 0.2506
Android (android.graphics.Color)	4284687943 (0xFF632647)
YUV	60.0010, 5.4225, 34.2021
Hunter-Lab	21.1986, 21.6432, -3.2315

# Details

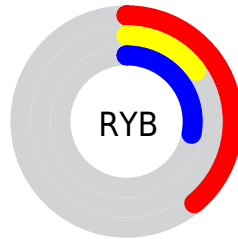
The Decimal color **6497863** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2515778**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **9983607**, and **3276828** is the 20% darker color. If you saturate the color by 10%, you get **6495298**, and if you desaturate by 10%, it is **6500428**.

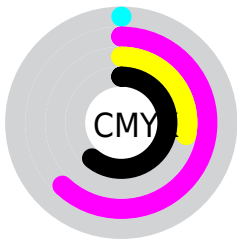
# Distribution



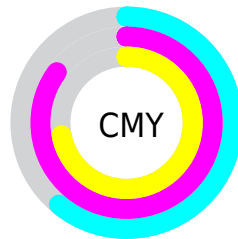
- Red (39%)
- Green (15%)
- Blue (28%)



- Red (39%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (62%)
- Yellow (28%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6497863 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 6497863 by changing the saturation by 10% instead.



 6497863

 6497863

16777215

 4853041

 9983607

 3276828

 11759761

 1507328

 13666988

 0

 15508679

 16761059

 16768255

 16775679

 6497863

 6497863

6495298

6500428

6492734

6502992

6490169

6505557

6488118

6508121

6510686

6512994

6515559

6518123

6520688

# Harmonies

## Analogous

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



5189469



6497863



6825262

# Triad

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



6497863



3882759



18016

# Complementary

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



6497863



2515778

# 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.



18506



6497863



1917977

# Square

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



6497863



5322504



18225



16748

# Rectangle

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



6497863



6629919



18225



18265



# Sweetspot

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



6497863



8415605



4269667



4207161



12566463



4210752



# Same Dimension

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



6497863



8397140



6497833



3157038



7340093



15728770



# Inverse Universe

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



6497863



8397140



2515808



3157038



7340093

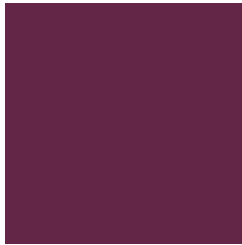


15728770



# Previews

## White Background



This preview shows how the Decimal color 6497863 looks on a white background.

## Color Contrast Check

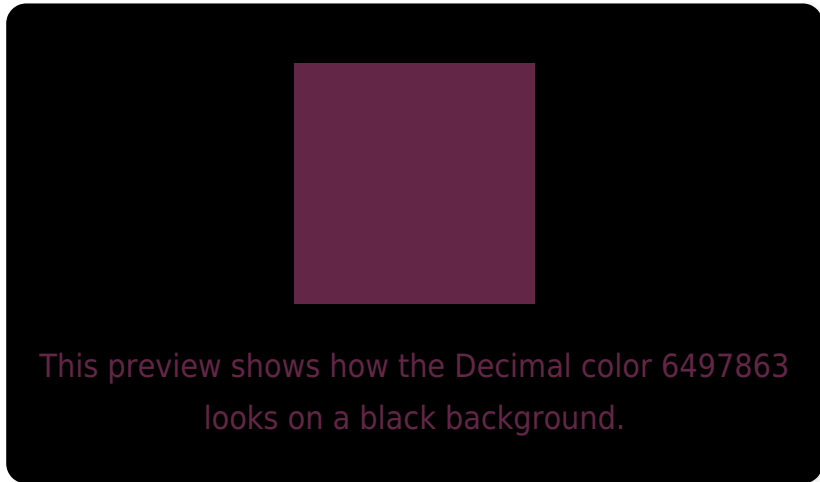
Large Text (above 18pt) WCAG AA ✓ Pass

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

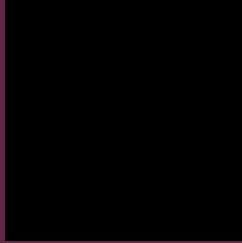
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6497863 Background



This preview shows how black text looks on a background with the Decimal color 6497863.



This preview shows how white text looks on a background with the Decimal color 6497863.

# 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**


6497863

**Protanopia**

3488854

**Deuteranopia**

4143940



**Tritanopia**  
6368303

# Trichromacy



**Original Color**  
6497863

**Protanomaly**  
4600913

**Deuteranomaly**  
4993861

**Tritanomaly**  
6433336

# Monochromacy



**Original Color**  
6497863

**Achromatopsia**  
3947580

**Achromatomaly**  
4863040

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6497863 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 #632647 looks like.

```
.text, #text, p{  
    color:#632647  
}
```

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 #632647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632647
}
```

## Border

The CSS property to change the border of an element to Decimal 6497863 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".

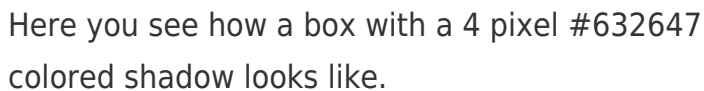
```
.border, #border, table{ border:4px solid
#632647 }
```

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

```
.border{ border-color:#632647 }
```

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

Here you see how a box with a 4 pixel #632647 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632647; -webkit-box-shadow:4px 4px  
4px 4px #632647; box-shadow:4px 4px 4px  
4px #632647 }
```

# Background

The CSS property to change the background color of an element to Decimal 6497863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632647 }
```

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

```
.background{ background-color:#632647 }
```

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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