

# Converting Colors

Decimal(6496313)

Have a look what the booklet for  
Decimal(6496313) contains.

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# Color

**Decimal(6496313)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632039
RGB	99, 32, 57
RGB Percent	39%, 13%, 22%
CMY	0.6118, 0.8745, 0.7765
CMYK	0.00, 0.68, 0.42, 0.61
HSL	338°, 51%, 26%
HSV	338°, 68%, 39%
XYZ	6.4006, 3.9811, 4.3020
YIQ	54.8830, 31.9070, 21.9790

# Conversions

## Conversions Part 2

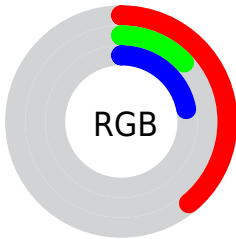
Format	Color
<b>R<sub>YB</sub></b>	99, 32, 57
Decimal	6496313
CIE Lab	23.61, 32.69, 0.17
CIE LCh	24, 32.695, 0.302
Yxy	3.9811, 0.4359, 0.2711
Android (android.graphics.Color)	4284686393 (0xFF632039)
YUV	54.8830, 1.0437, 38.6906
Hunter-Lab	19.9526, 22.3440, 1.1834

# Details

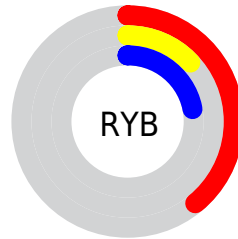
The Decimal color **6496313** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2122570**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **10047848**, and **3276814** is the 20% darker color. If you saturate the color by 10%, you get **6493747**, and if you desaturate by 10%, it is **6498879**.

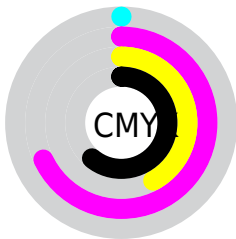
# Distribution



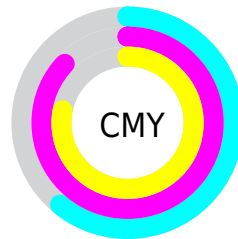
- Red (39%)
- Green (13%)
- Blue (22%)



- Red (39%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (42%)
- Black (61%)



- Cyan (61%)
- Magenta (87%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6496313 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 6496313 by changing the saturation by 10% instead.



6496313

6496313

16777215

4785444

10047848

3276814

11823745

851968

13730971

0

15638198

16759505

16766701

16773887

6496313

6496313

6493747

6498879

6491181

6501445

6488614

6504012

6488101

6506578

6509144

6511454

6514020

6516587

6519153

# Harmonies

## Analogous

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



5646161



6496313



6431777

# Triad

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



6496313



2899465



16739

# Complementary

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



6496313



2122570

# 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.



17232



6496313



82463

# Square

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



6496313



4470528



17464



15209

# Rectangle

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



6496313



6040083



17464



16990



# Sweetspot

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



6496313



8414832



4792419



4206646



12566463



4210752



# Same Dimension

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



6496313



8394815



6498336



3157037



7340074



15728729



# Inverse Universe

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



6496313



8394815



2120547



3157037



7340074

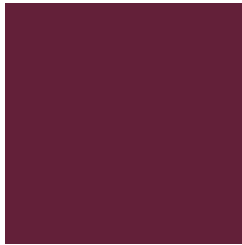


15728729



# Previews

## White Background



This preview shows how the Decimal color 6496313 looks on a white background.

## Color Contrast Check

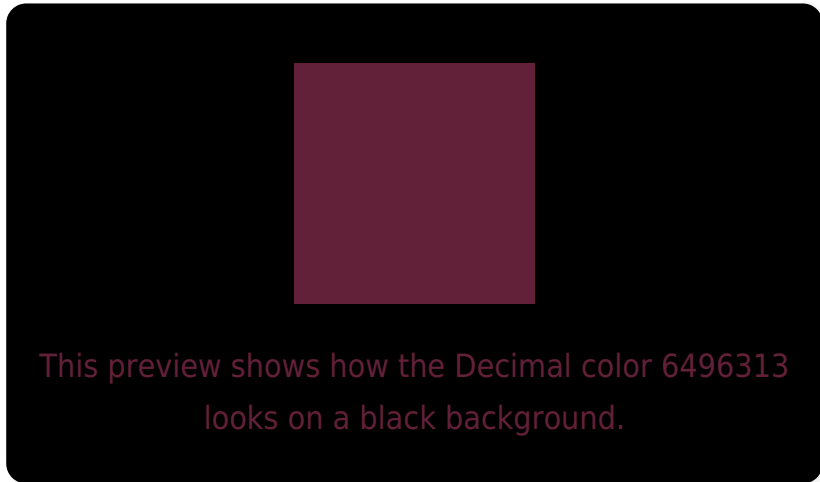
Large Text (above 18pt) WCAG AA ✓ Pass

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 6496313 Background



This preview shows how black text looks on a background with the Decimal color 6496313.



This preview shows how white text looks on a background with the Decimal color 6496313.

# 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**  
6496313

**Protanopia**  
3553608

**Deuteranopia**  
4208438



**Tritanopia**  
6431782

# Trichromacy



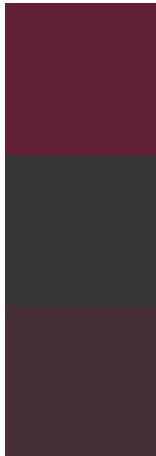
**Original Color**  
6496313

**Protanomaly**  
4599875

**Deuteranomaly**  
5058359

**Tritanomaly**  
6431533

# Monochromacy



**Original Color**  
6496313

**Achromatopsia**  
3618615

**Achromatomaly**  
4665144

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6496313 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 #632039 looks like.

```
.text, #text, p{  
    color:#632039  
}
```

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 #632039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632039
}
```

## Border

The CSS property to change the border of an element to Decimal 6496313 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
#632039 }
```

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

```
.border{ border-color:#632039 }
```

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

Here you see how a box with a 4 pixel #632039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632039; -webkit-box-shadow:4px 4px  
4px 4px #632039; box-shadow:4px 4px 4px  
4px #632039 }
```

# Background

The CSS property to change the background color of an element to Decimal 6496313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632039 }
```

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

```
.background{ background-color:#632039 }
```

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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