

# Converting Colors

Decimal(6236493)

Have a look what the booklet for  
Decimal(6236493) contains.

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# Color

**Decimal(6236493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F294D
RGB	95, 41, 77
RGB Percent	37%, 16%, 30%
CMY	0.6275, 0.8392, 0.6980
CMYK	0.00, 0.57, 0.19, 0.63
HSL	320°, 40%, 27%
HSV	320°, 57%, 37%
XYZ	6.8518, 4.5546, 7.5392
YIQ	61.2500, 20.6280, 22.6440

# Conversions

## Conversions Part 2

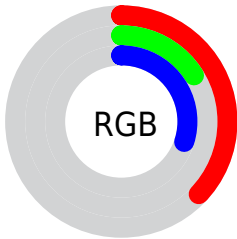
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 41, 77
Decimal	6236493
CIELab	25.43, 29.53, -10.70
CIElCh	25, 31.412, 340.080
Yxy	4.5546, 0.3617, 0.2404
Android (android.graphics.Color)	4284426573 (0xFF5F294D)
YUV	61.2500, 7.7648, 29.5988
Hunter-Lab	21.3415, 19.9608, -6.0059

# Details

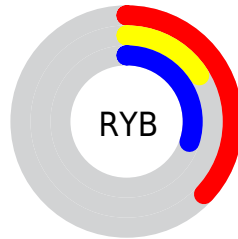
The Decimal color **6236493** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2711355**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **9656702**, and **3080225** is the 20% darker color. If you saturate the color by 10%, you get **6234186**, and if you desaturate by 10%, it is **6239056**.

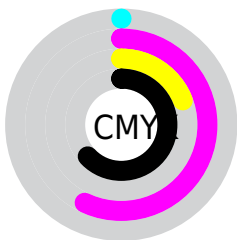
# Distribution



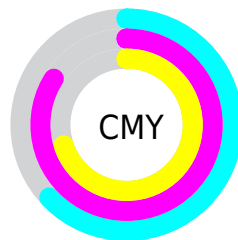
- Red (37%)
- Green (16%)
- Blue (30%)



- Red (37%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (57%)
- Yellow (19%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6236493 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 6236493 by changing the saturation by 10% instead.



6236493

6236493

16777215

4591926

9656702

3080225

11432600

1310727

13274291

0

15181774

16761578

16768767

16776191

6236493

6236493

6234186

6239056

6231623

6241363

6229316

6243927

6226752

6246234

6225983

6248797

6251104

6253667

6255974

6258282

# Harmonies

## Analogous

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



4731489



6236493



6825525

# Triad

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



6236493



4275720



18266

# Complementary

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



6236493



2711355

# 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.



18500



6236493



2573077

# Square

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



6236493



5649677



18219



17257

# Rectangle

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



6236493



6695206



18219



18259



# Sweetspot

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



6236493



8021619



3877215



4010297



12434877



4013373



# Same Dimension

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



6236493



8005471



6236466



3157039



7340107



15728800



# Inverse Universe

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



6236493



8005471



2711382



3157039



7340107

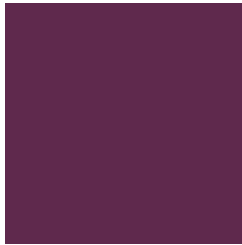


15728800



# Previews

## White Background



This preview shows how the Decimal color 6236493 looks on a white background.

## Color Contrast Check

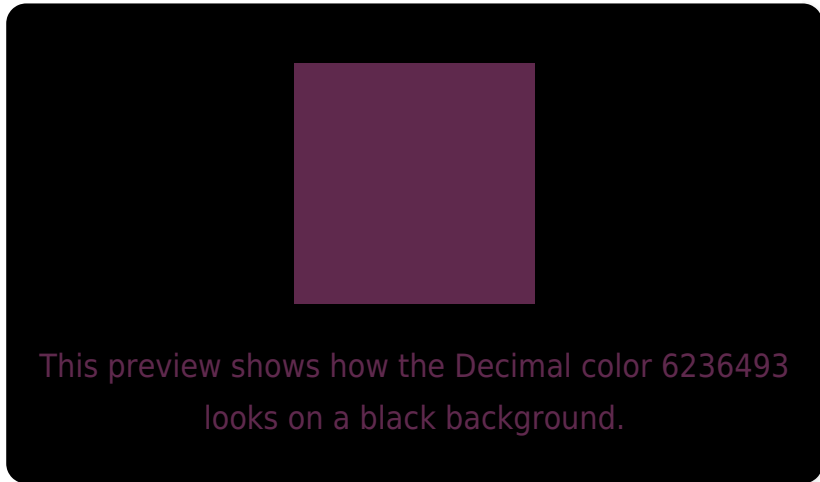
Large Text (above 18pt) WCAG AA ✓ Pass

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

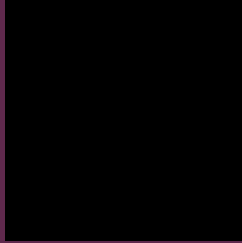
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6236493 Background



This preview shows how black text looks on a background with the Decimal color 6236493.



This preview shows how white text looks on a background with the Decimal color 6236493.

# 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**  
6236493

**Protanopia**  
3292251

**Deuteranopia**  
4013130



**Tritanopia**  
6041395

# Trichromacy



**Original Color**  
6236493

**Protanomaly**  
4339030

**Deuteranomaly**  
4797771

**Tritanomaly**  
6106428

# Monochromacy



**Original Color**  
6236493

**Achromatopsia**  
4013373

**Achromatomaly**  
4798019

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6236493 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 #5F294D looks like.

```
.text, #text, p{  
    color:#5F294D  
}
```

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 #5F294D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F294D
}
```

## Border

The CSS property to change the border of an element to Decimal 6236493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

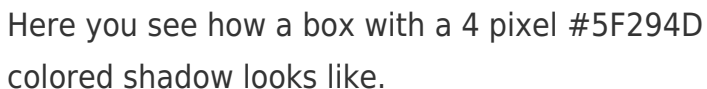
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F294D }
```

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

```
.border{ border-color:#5F294D }
```

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



Here you see how a box with a 4 pixel #5F294D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F294D; -webkit-box-shadow:4px 4px  
4px 4px #5F294D; box-shadow:4px 4px 4px  
4px #5F294D }
```

# Background

The CSS property to change the background color of an element to Decimal 6236493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F294D }
```

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

```
.background{ background-color:#5F294D }
```

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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