

# Converting Colors

Decimal(6231348)

Have a look what the booklet for  
Decimal(6231348) contains.

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# Color

**Decimal(6231348)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F1534
RGB	95, 21, 52
RGB Percent	37%, 8%, 20%
CMY	0.6275, 0.9176, 0.7961
CMYK	0.00, 0.78, 0.45, 0.63
HSL	335°, 64%, 23%
HSV	335°, 78%, 37%
XYZ	5.6073, 3.2172, 3.5742
YIQ	46.6600, 34.1530, 25.3290

# Conversions

## Conversions Part 2

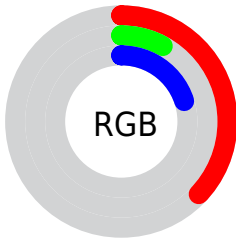
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 21, 52
Decimal	6231348
CIE Lab	20.89, 35.62, -0.43
CIE LCh	21, 35.624, 359.310
Yxy	3.2172, 0.4522, 0.2595
Android (android.graphics.Color)	4284421428 (0xFF5F1534)
YUV	46.6600, 2.6326, 42.3942
Hunter-Lab	17.9364, 24.4141, 0.7406

# Details

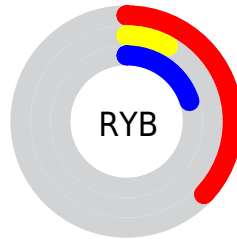
The Decimal color **6231348** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1400640**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **9783138**, and **3145734** is the 20% darker color. If you saturate the color by 10%, you get **6228782**, and if you desaturate by 10%, it is **6233658**.

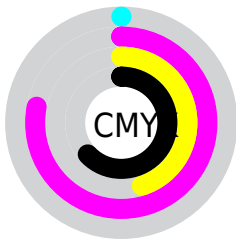
# Distribution



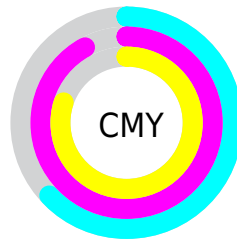
- Red (37%)
- Green (8%)
- Blue (20%)



- Red (37%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (78%)
- Yellow (45%)
- Black (63%)



- Cyan (63%)
- Magenta (92%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6231348 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 6231348 by changing the saturation by 10% instead.



6231348

6231348

16777215

4522015

9783138

3145734

11624571

0

13466261

15373743

16756939

16764135

16771327

6231348

6231348

■ 6228782

■ 6233658

■ 6226473

■ 6236223

■ 6225960

■ 6238533

■ 6241098

■ 6243664

■ 6245973

■ 6248283

■ 6250848

■ 6253158

# Harmonies

## Analogous

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



5316173



6231348



6167066

# Triad

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



6231348



2439168



15455

# Complementary

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



6231348



1400640

# 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.



15947



6231348



15382

# Square

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



6231348



4141312



15921



13927

# Rectangle

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



6231348



5775881



15921



15706



# Sweetspot

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



6231348



8019562



4134239



4009011



12434877



4013373



# Same Dimension

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



6231348



7997752



6232597



3157038



7340079



15728740



# Inverse Universe

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



6231348



7997752



1399391



3157038



7340079

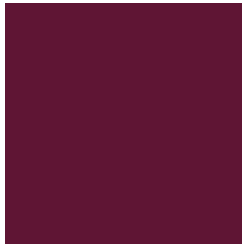


15728740



# Previews

## White Background



This preview shows how the Decimal color 6231348 looks on a white background.

## Color Contrast Check

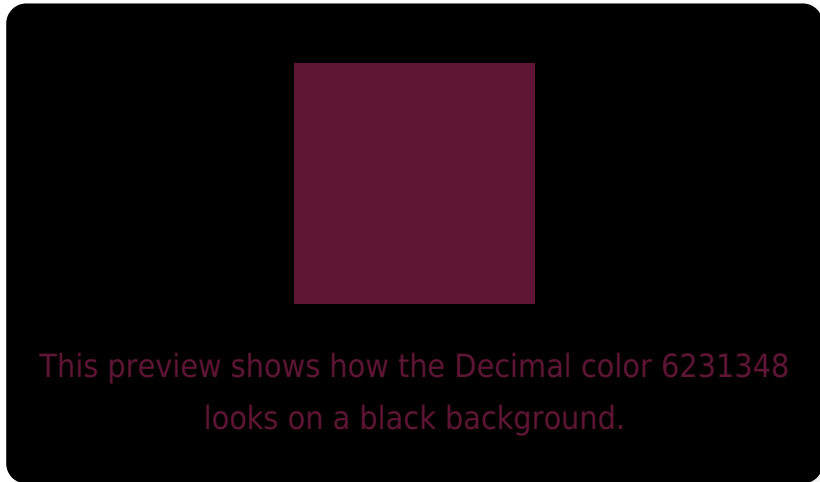
Large Text (above 18pt) WCAG AA ✓ Pass

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

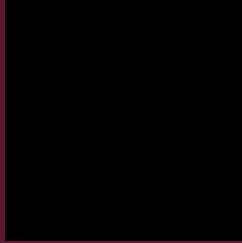
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6231348 Background



This preview shows how black text looks on a background with the Decimal color 6231348.

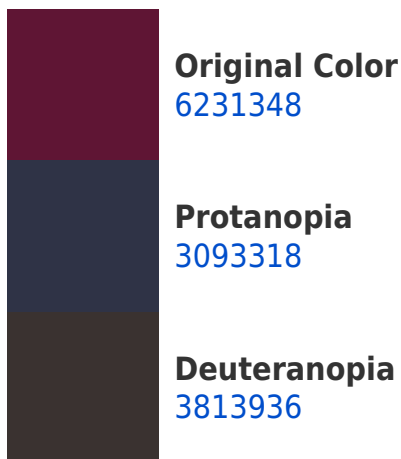


This preview shows how white text looks on a background with the Decimal color 6231348.

# 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





# Trichromacy



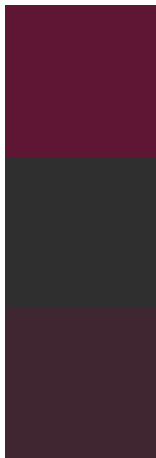
**Original Color**  
6231348

**Protanomaly**  
4204607

**Deuteranomaly**  
4663089

**Tritanomaly**  
6166821

# Monochromacy



**Original Color**  
6231348

**Achromatopsia**  
3092271

**Achromatomaly**  
4204081

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6231348 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 #5F1534 looks like.

```
.text, #text, p{  
    color:#5F1534  
}
```

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 #5F1534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1534
}
```

## Border

The CSS property to change the border of an element to Decimal 6231348 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".

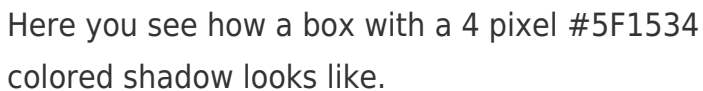
```
.border, #border, table{ border:4px solid
#5F1534 }
```

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

```
.border{ border-color:#5F1534 }
```

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

Here you see how a box with a 4 pixel #5F1534 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5F1534 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1534; -webkit-box-shadow:4px 4px  
4px 4px #5F1534; box-shadow:4px 4px 4px  
4px #5F1534 }
```

# Background

The CSS property to change the background color of an element to Decimal 6231348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1534 }
```

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

```
.background{ background-color:#5F1534 }
```

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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