

# Converting Colors

Decimal(6037310)

Have a look what the booklet for  
Decimal(6037310) contains.

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# Color

**Decimal(6037310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C1F3E
RGB	92, 31, 62
RGB Percent	36%, 12%, 24%
CMY	0.6392, 0.8784, 0.7569
CMYK	0.00, 0.66, 0.33, 0.64
HSL	330°, 50%, 24%
HSV	330°, 66%, 36%
XYZ	5.7731, 3.6031, 4.9486
YIQ	52.7730, 26.4050, 22.5730

# Conversions

## Conversions Part 2

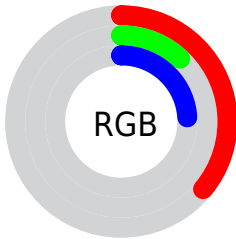
Format	Color
<b>RYB</b>	92, 31, 62
Decimal	6037310
CIELab	22.31, 31.40, -5.32
CIELCh	22, 31.848, 350.391
Yxy	3.6031, 0.4030, 0.2515
Android (android.graphics.Color)	4284227390 (0xFF5C1F3E)
YUV	52.7730, 4.5489, 34.4021
Hunter-Lab	18.9818, 21.0708, -2.1698

# Details

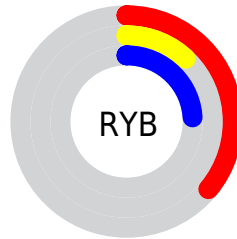
The Decimal color **6037310** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2055229**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **9523053**, and **2949140** is the 20% darker color. If you saturate the color by 10%, you get **6035001**, and if you desaturate by 10%, it is **6039619**.

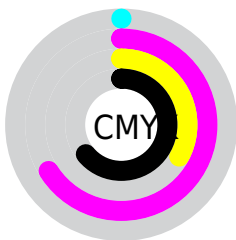
# Distribution



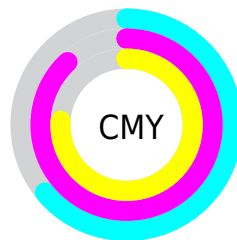
- Red (36%)
- Green (12%)
- Blue (24%)



- Red (36%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (64%)



- Cyan (64%)
- Magenta (88%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6037310 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 6037310 by changing the saturation by 10% instead.



6037310

6037310

16777215

4392232

9523053

2949140

11298951

0

13140641

15047868

16759000

16766196

16773375

6037310

6037310

6035001

6039619

6032693

6041927

6030128

6044492

6029359

6046800

6049109

6051417

6053726

6056290

6058599

# Harmonies

## Analogous

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



4859988



6037310



6299430

# Triad

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



6037310



3291394



16217

# Complementary

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



6037310



2055229

# 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.



16453



6037310



1261077

# Square

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



6037310



4731392



16429



14948

# Rectangle

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



6037310



5973016



16429



16467



# Sweetspot

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



6037310



7889004



3940188



4009782



12434877



4013373



# Same Dimension

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



6037310



7870537



6037280



3025196



7209016



15532153



# Inverse Universe

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



6037310



7870537



2055259



3025196



7209016

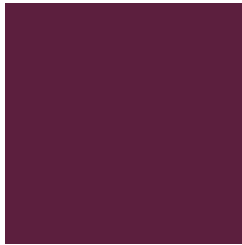


15532153



# Previews

## White Background



This preview shows how the Decimal color 6037310 looks on a white background.

## Color Contrast Check

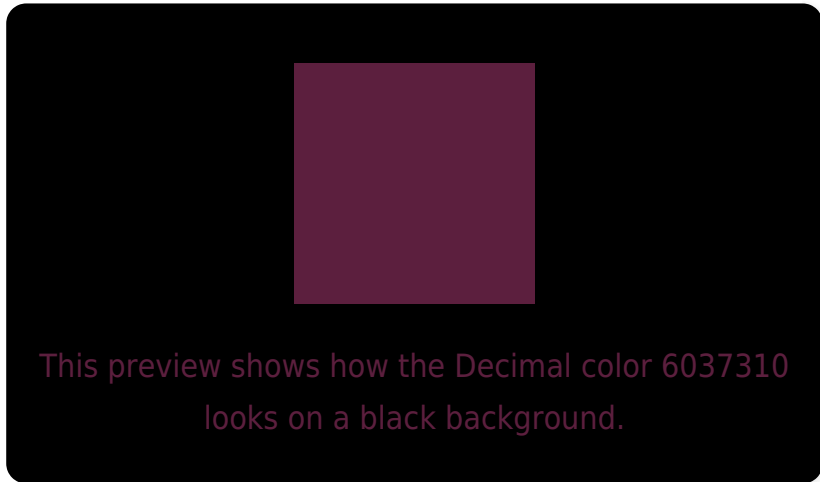
Large Text (above 18pt) WCAG AA ✓ Pass

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

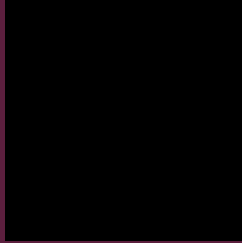
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6037310 Background



This preview shows how black text looks on a background with the Decimal color 6037310.



This preview shows how white text looks on a background with the Decimal color 6037310.

# 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**  
6037310

**Protanopia**  
3094094

**Deuteranopia**  
3814715



**Tritanopia**  
5907751

# Trichromacy



**Original Color**  
6037310

**Protanomaly**  
4140616

**Deuteranomaly**  
4599100

**Tritanomaly**  
5972783

# Monochromacy



**Original Color**  
6037310

**Achromatopsia**  
3487029

**Achromatomaly**  
4402488

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6037310 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 #5C1F3E looks like.

```
.text, #text, p{  
    color:#5C1F3E  
}
```

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 #5C1F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1F3E
}
```

## Border

The CSS property to change the border of an element to Decimal 6037310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

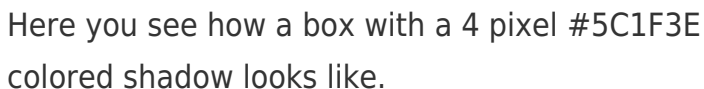
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C1F3E }
```

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

```
.border{ border-color:#5C1F3E }
```

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



Here you see how a box with a 4 pixel #5C1F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1F3E; -webkit-box-shadow:4px 4px  
4px 4px #5C1F3E; box-shadow:4px 4px 4px  
4px #5C1F3E }
```

# Background

The CSS property to change the background color of an element to Decimal 6037310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1F3E }
```

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

```
.background{ background-color:#5C1F3E }
```

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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