

# Converting Colors

Decimal(6030650)

Have a look what the booklet for  
Decimal(6030650) contains.

<b>Decimal(6030650)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6030650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C053A
RGB	92, 5, 58
RGB Percent	36%, 2%, 23%
CMY	0.6392, 0.9804, 0.7725
CMYK	0.00, 0.95, 0.37, 0.64
HSL	323°, 90%, 19%
HSV	323°, 95%, 36%
XYZ	5.2316, 2.6893, 4.2463
YIQ	37.0550, 34.8390, 34.9270

# Conversions

## Conversions Part 2

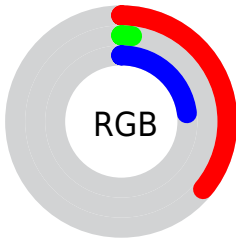
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 5, 58
Decimal	6030650
CIE <sub>Lab</sub>	18.75, 40.39, -7.90
CIE <sub>LCh</sub>	19, 41.160, 348.930
Yxy	2.6893, 0.4300, 0.2210
Android (android.graphics.Color)	4284220730 (0xFF5C053A)
YUV	37.0550, 10.3259, 48.1868
Hunter-Lab	16.3992, 28.2459, -3.8729

# Details

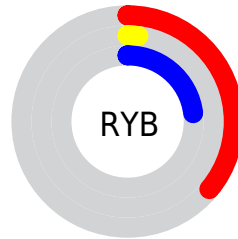
The Decimal color **6030650** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **351271**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **9584233**, and **2883599** is the 20% darker color. If you saturate the color by 10%, you get **6029368**, and if you desaturate by 10%, it is **6032958**.

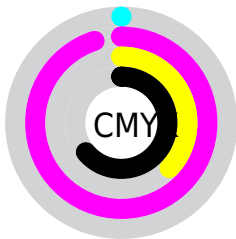
# Distribution



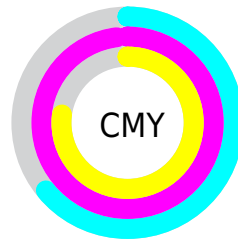
- Red (36%)
- Green (2%)
- Blue (23%)



- Red (36%)
- Yellow (2%)
- Blue (23%)



- Cyan (0%)
- Magenta (95%)
- Yellow (37%)
- Black (64%)



- Cyan (64%)
- Magenta (98%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6030650 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 6030650 by changing the saturation by 10% instead.



 6030650

 6030650

 16776447

 4325412


 9584233

 2883599

 11360130

 0

 13267356

 15174839

 16754643

 16761583

 16769023

 6030650

 6030650

■ 6029368

■ 6032958

■ 6035265

■ 6037829

■ 6040136

■ 6042444

■ 6044752

■ 6047059

■ 6049623

■ 6051930

# Harmonies

## Analogous

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



4528725



6030650



6292764

# Triad

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



6030650



2634240



14683

# Complementary

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



6030650



351271

# 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.



14912



6030650



14080

# Square

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



6030650



4401152



14625



13673

# Rectangle

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



6030650



5968646



14625



14931



# Sweetspot

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



6030650



7886443



2491740



4007989



12434877



4013373



# Same Dimension

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



6030650



7864393



6030607



3025196



7209027



15532176



# Inverse Universe

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



6030650



7864393



351314



3025196



7209027

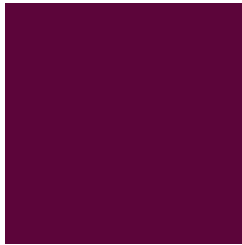


15532176



# Previews

## White Background



This preview shows how the Decimal color 6030650 looks on a white background.

## Color Contrast Check

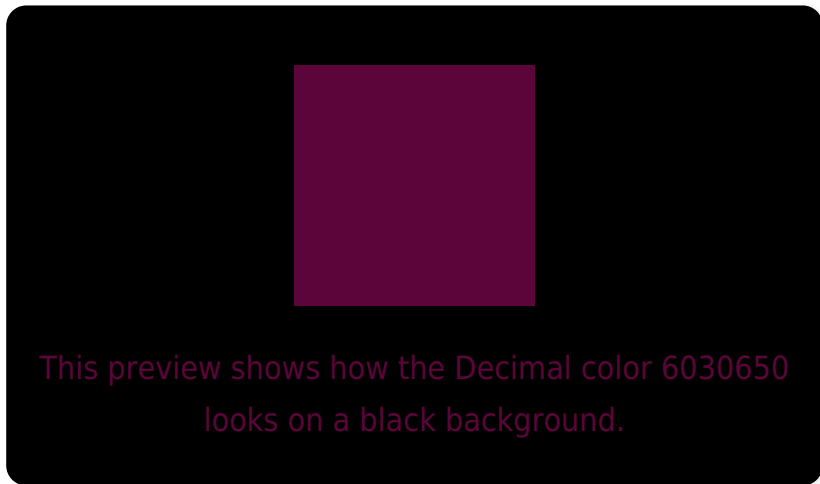
Large Text (above 18pt) WCAG AA ✓ Pass

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

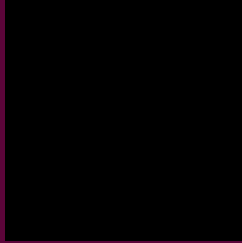
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6030650 Background



This preview shows how black text looks on a background with the Decimal color 6030650.

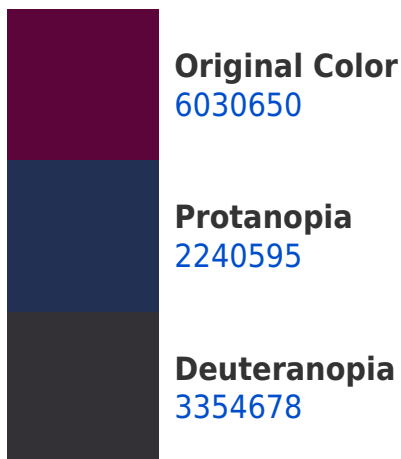


This preview shows how white text looks on a background with the Decimal color 6030650.

# 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**  
6030650

**Protanomaly**  
3612746

**Deuteranomaly**  
4333623

**Tritanomaly**  
5967908

# Monochromacy



**Original Color**  
6030650

**Achromatopsia**  
2434341

**Achromatomaly**  
3741997

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6030650 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 #5C053A looks like.

```
.text, #text, p{  
  color:#5C053A  
}
```

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 #5C053A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C053A
}
```

## Border

The CSS property to change the border of an element to Decimal 6030650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

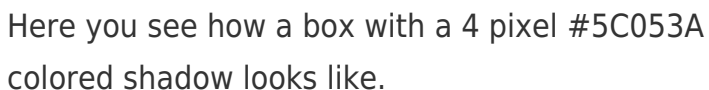
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C053A }
```

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

```
.border{ border-color:#5C053A }
```

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



Here you see how a box with a 4 pixel #5C053A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C053A; -webkit-box-shadow:4px 4px  
4px 4px #5C053A; box-shadow:4px 4px 4px  
4px #5C053A }
```

# Background

The CSS property to change the background color of an element to Decimal 6030650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C053A }
```

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

```
.background{ background-color:#5C053A }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor