

# Converting Colors

Decimal(6035000)

Have a look what the booklet for  
Decimal(6035000) contains.

<b>Decimal(6035000)</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(6035000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C1638
RGB	92, 22, 56
RGB Percent	36%, 9%, 22%
CMY	0.6392, 0.9137, 0.7804
CMYK	0.00, 0.76, 0.39, 0.64
HSL	331°, 61%, 22%
HSV	331°, 76%, 36%
XYZ	5.4144, 3.1347, 4.0611
YIQ	46.8060, 30.8060, 25.4140

# Conversions

## Conversions Part 2

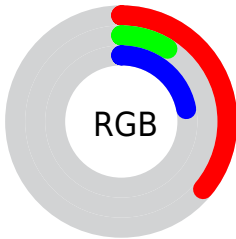
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 22, 56
Decimal	6035000
CIELab	20.58, 34.73, -3.76
CIELCh	21, 34.937, 353.819
Yxy	3.1347, 0.4294, 0.2486
Android (android.graphics.Color)	4284225080 (0xFF5C1638)
YUV	46.8060, 4.5326, 39.6351
Hunter-Lab	17.7050, 23.6034, -1.2061

# Details

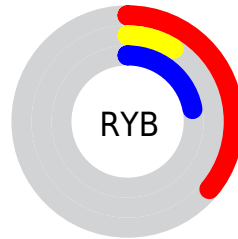
The Decimal color **6035000** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1465402**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **9521255**, and **3014669** is the 20% darker color. If you saturate the color by 10%, you get **6032691**, and if you desaturate by 10%, it is **6037309**.

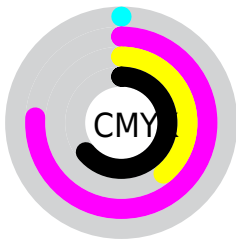
# Distribution



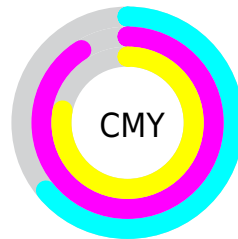
- Red (36%)
- Green (9%)
- Blue (22%)



- Red (36%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (76%)
- Yellow (39%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6035000 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 6035000 by changing the saturation by 10% instead.



 6035000

 6035000

16777215

 4325411


 9521255

 3014669

 11362688

 0

 13204122

 15111605

 16756944

 16764140

 16771327

 6035000

 6035000

■ 6032691

■ 6037309

■ 6030383

■ 6039617

■ 6029357

■ 6042182

■ 6044491

■ 6046800

■ 6049108

■ 6051417

■ 6053982

■ 6056291

# Harmonies

## Analogous

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



4923472



6035000



6166559

# Triad

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



6035000



2766336



15195

# Complementary

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



6035000



1465402

# 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.



15686



6035000



15121

# Square

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



6035000



4337152



15659



13925

# Rectangle

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



6035000



5775374



15659



15445



# Sweetspot

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



6035000



7887978



3741276



4009012



12434877



4013373



# Same Dimension

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



6035000



7867200



6034966



3025196



7209013



15532147



# Inverse Universe

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



6035000



7867200



1465436



3025196



7209013

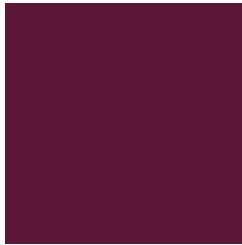


15532147



# Previews

## White Background



This preview shows how the Decimal color 6035000 looks on a white background.

## Color Contrast Check

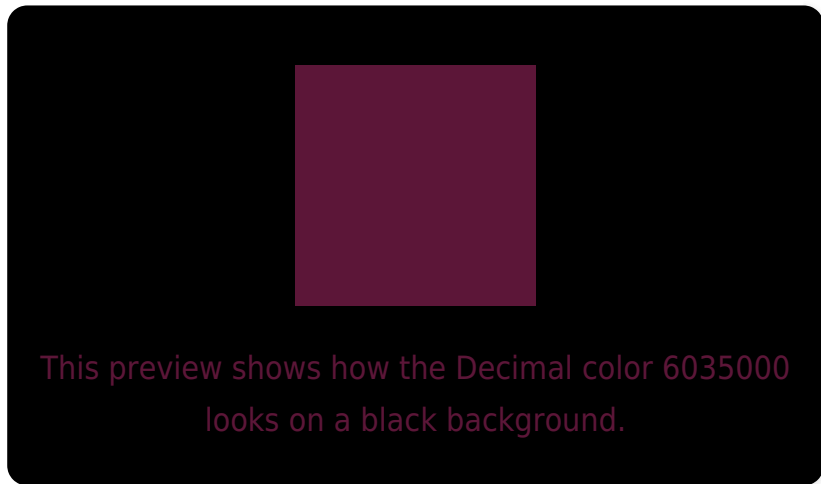
Large Text (above 18pt) WCAG AA ✓ Pass

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

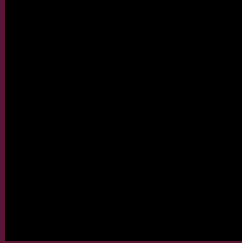
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6035000 Background



This preview shows how black text looks on a background with the Decimal color 6035000.



This preview shows how white text looks on a background with the Decimal color 6035000.

# 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**  
6035000

**Protanopia**  
2896458

**Deuteranopia**  
3682868



# Trichromacy



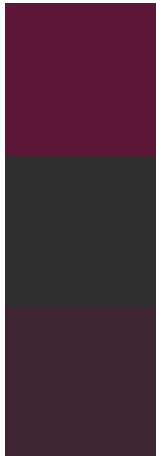
**Original Color**  
6035000

**Protanomaly**  
4008003

**Deuteranomaly**  
4532277

**Tritanomaly**  
5970472

# Monochromacy



**Original Color**  
6035000

**Achromatopsia**  
3092271

**Achromatomaly**  
4138546

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6035000 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 #5C1638 looks like.

```
.text, #text, p{  
    color:#5C1638  
}
```

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 #5C1638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1638
}
```

## Border

The CSS property to change the border of an element to Decimal 6035000 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
#5C1638 }
```

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

```
.border{ border-color:#5C1638 }
```

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

Here you see how a box with a 4 pixel #5C1638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1638; -webkit-box-shadow:4px 4px  
4px 4px #5C1638; box-shadow:4px 4px 4px  
4px #5C1638 }
```

# Background

The CSS property to change the background color of an element to Decimal 6035000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1638 }
```

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

```
.background{ background-color:#5C1638 }
```

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