

# Converting Colors

Decimal(5963829)

Have a look what the booklet for  
Decimal(5963829) contains.

<b>Decimal(5963829)</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(5963829)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B0035
RGB	91, 0, 53
RGB Percent	36%, 0%, 21%
CMY	0.6431, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.42, 0.64
HSL	325°, 100%, 18%
HSV	325°, 100%, 36%
XYZ	4.9570, 2.4812, 3.5858
YIQ	33.2510, 37.2230, 35.7750

# Conversions

## Conversions Part 2

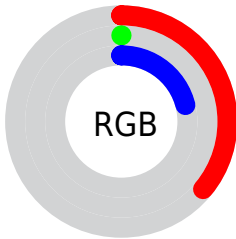
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 0, 53
Decimal	5963829
CIE <sub>Lab</sub>	17.83, 40.98, -5.77
CIE <sub>LCh</sub>	18, 41.380, 351.979
Yxy	2.4812, 0.4497, 0.2251
Android (android.graphics.Color)	4284153909 (0xFF5B0035)
YUV	33.2510, 9.7363, 50.6459
Hunter-Lab	15.7518, 28.6072, -2.4708

# Details

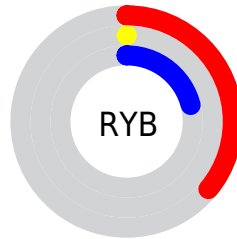
The Decimal color **5963829** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23334**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **9517667**, and **2818054** is the 20% darker color. If you saturate the color by 10%, you get **5963829**, and if you desaturate by 10%, it is **5966137**.

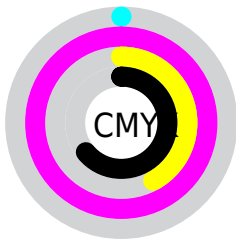
# Distribution



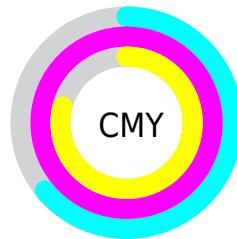
- Red (36%)
- Green (0%)
- Blue (21%)



- Red (36%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5963829 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 5963829 by changing the saturation by 10% instead.



 5963829

 5963829

 16775423

 4259872

 9517667

 2818054

 11359356

 0

 13201046

 15108273

 16753612

 16760809

 16768255

 5963829

■ 5966137

■ 5968445

■ 5970752

■ 5973060

■ 5975624

■ 5977932

■ 5980240

■ 5982547

■ 5984855

# Harmonies

## Analogous

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



4593233



5963829



6095640

# Triad

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



5963829



2306304



14171

# Complementary

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



5963829



23334

# 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.



14401



5963829



13568

# Square

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



5963829



4073472



14114



12903

# Rectangle

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



5963829



5771776



14114



14419



# Sweetspot

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



5963829



7688807



2490459



3876402



12237498



3881787



# Same Dimension

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



5963829



7667780



5963784



3025196



7209024



15532170



# Inverse Universe

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



5963829



7667780



23379



3025196



7209024

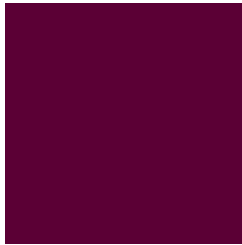


15532170



# Previews

## White Background



This preview shows how the Decimal color 5963829 looks on a white background.

## Color Contrast Check

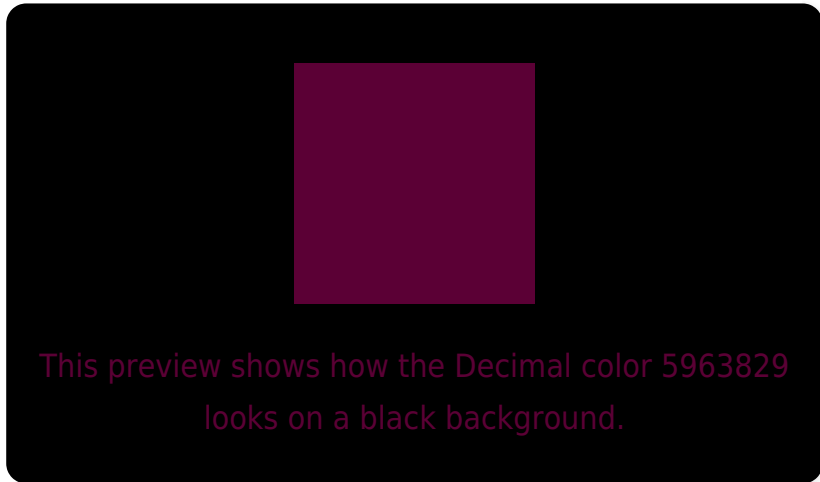
Large Text (above 18pt) WCAG AA ✓ Pass

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

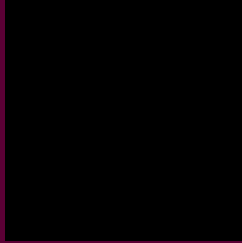
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5963829 Background



This preview shows how black text looks on a background with the Decimal color 5963829.

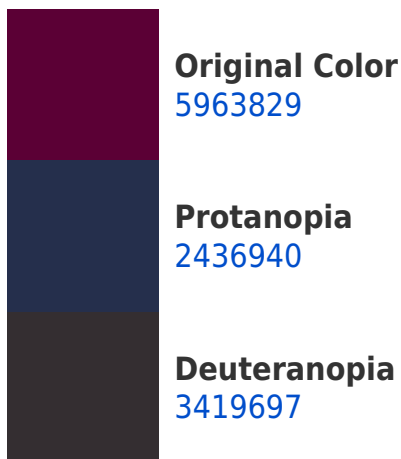



This preview shows how white text looks on a background with the Decimal color 5963829.

# 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





**Tritanopia**  
5838101

# Trichromacy



**Original Color**  
5963829

**Protanomaly**  
3743300

**Deuteranomaly**  
4332850

**Tritanomaly**  
5901601

# Monochromacy



**Original Color**  
5963829

**Achromatopsia**  
2171169

**Achromatomaly**  
3544360

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5963829 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 #5B0035 looks like.

```
.text, #text, p{  
    color:#5B0035  
}
```

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 #5B0035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0035
}
```

## Border

The CSS property to change the border of an element to Decimal 5963829 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
#5B0035 }
```

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

```
.border{ border-color:#5B0035 }
```

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

Here you see how a box with a 4 pixel #5B0035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0035; -webkit-box-shadow:4px 4px  
4px 4px #5B0035; box-shadow:4px 4px 4px  
4px #5B0035 }
```

# Background

The CSS property to change the background color of an element to Decimal 5963829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0035 }
```

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

```
.background{ background-color:#5B0035 }
```

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