

# Converting Colors

Decimal(5702429)

Have a look what the booklet for  
Decimal(5702429) contains.

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**Color**

**Decimal(5702429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57031D
RGB	87, 3, 29
RGB Percent	34%, 1%, 11%
CMY	0.6588, 0.9882, 0.8863
CMYK	0.00, 0.97, 0.67, 0.66
HSL	341°, 93%, 18%
HSV	341°, 97%, 34%
XYZ	4.1848, 2.1801, 1.3626
YIQ	31.0800, 41.7180, 25.8940

# Conversions

## Conversions Part 2

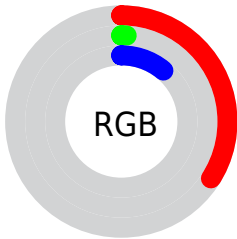
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 3, 29
Decimal	5702429
CIE <sub>Lab</sub>	16.41, 36.88, 9.44
CIE <sub>LCh</sub>	16, 38.067, 14.354
Yxy	2.1801, 0.5415, 0.2821
Android (android.graphics.Color)	4283892509 (0xFF57031D)
YUV	31.0800, -1.0254, 49.0418
Hunter-Lab	14.7651, 24.7528, 4.8638

# Details

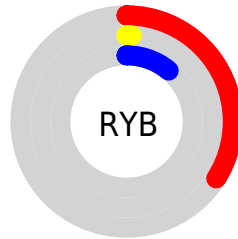
The Decimal color **5702429** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **218941**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **9321032**, and **2293761** is the 20% darker color. If you saturate the color by 10%, you get **5701659**, and if you desaturate by 10%, it is **5704739**.

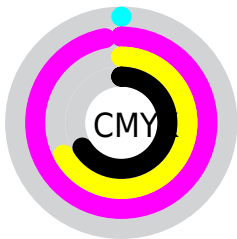
# Distribution



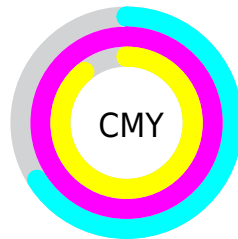
- Red (34%)
- Green (1%)
- Blue (11%)



- Red (34%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (97%)
- Yellow (67%)
- Black (66%)



- Cyan (66%)
- Magenta (99%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5702429 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 5702429 by changing the saturation by 10% instead.



 5702429


 5702429

 16774911

 3997698

 9321032

 2293761

 11162464

 0

 13069688

 14976914

 16753325

 16760264

 16767716

 5702429

 5702429

■ 5701659

■ 5704739

■ 5706793

■ 5709103

■ 5711413

■ 5713723

■ 5715777

■ 5718087

■ 5720397

■ 5722451

# Harmonies

## Analogous

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



5310264



5702429



5247744

# Triad

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



5702429



405760



12381

# Complementary

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



5702429



218941

# 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.



13134



5702429



13081

# Square

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



5702429



2632448



13365



10334

# Rectangle

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



5702429



4529664



13365



12634



# Sweetspot

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



5702429



7360602



3933015



3679275



12105912



3684408



# Same Dimension

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



5702429



7340067



5706243



2828072



7012385



15401033



# Inverse Universe

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



5702429



7340067



215127



2828072



7012385

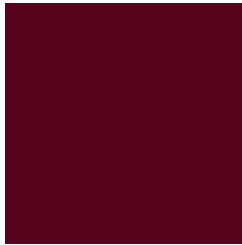


15401033



# Previews

## White Background



This preview shows how the Decimal color 5702429 looks on a white background.

## Color Contrast Check

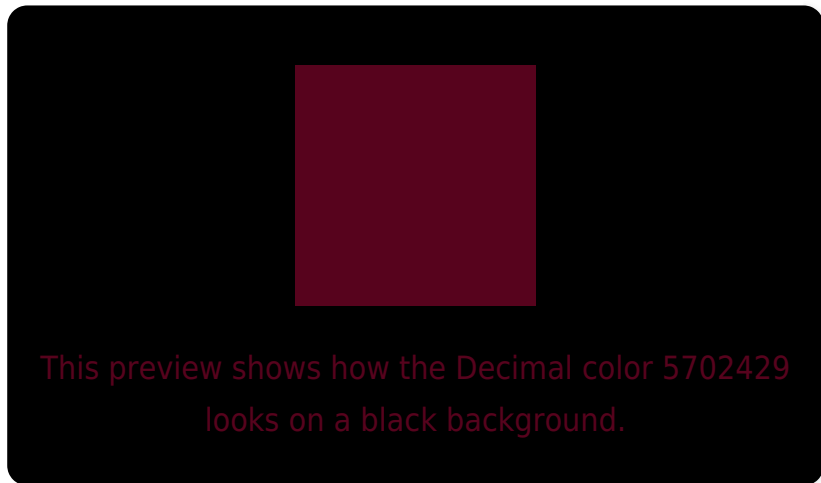
Large Text (above 18pt) WCAG AA ✓ Pass

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 5702429 Background



This preview shows how black text looks on a background with the Decimal color 5702429.



This preview shows how white text looks on a background with the Decimal color 5702429.

# 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**  
5702429

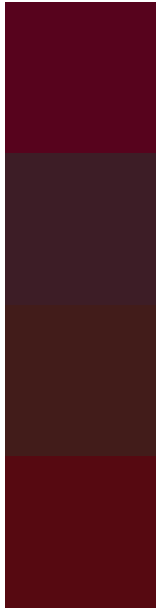
**Protanopia**  
3025963

**Deuteranopia**  
3549721



**Tritanopia**  
5639178

# Trichromacy



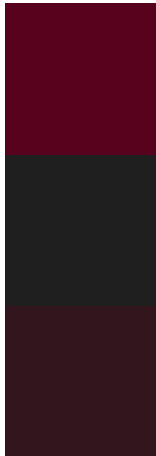
**Original Color**  
5702429

**Protanomaly**  
4005158

**Deuteranomaly**  
4332570

**Tritanomaly**  
5638417

# Monochromacy



**Original Color**  
5702429

**Achromatopsia**  
2039583

**Achromatomaly**  
3347742

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5702429 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 #57031D looks like.

```
.text, #text, p{  
    color:#57031D  
}
```

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 #57031D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57031D
}
```

## Border

The CSS property to change the border of an element to Decimal 5702429 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".

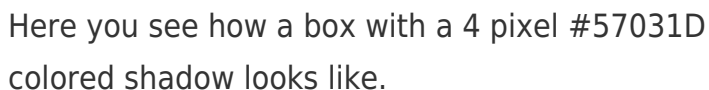
```
.border, #border, table{ border:4px solid
#57031D }
```

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

```
.border{ border-color:#57031D }
```

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

Here you see how a box with a 4 pixel #57031D 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 #57031D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57031D; -webkit-box-shadow:4px 4px  
4px 4px #57031D; box-shadow:4px 4px 4px  
4px #57031D }
```

# Background

The CSS property to change the background color of an element to Decimal 5702429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57031D }
```

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

```
.background{ background-color:#57031D }
```

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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