

# Converting Colors

Decimal(5049627)

Have a look what the booklet for  
Decimal(5049627) contains.

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**Color**

**Decimal(5049627)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D0D1B
RGB	77, 13, 27
RGB Percent	30%, 5%, 11%
CMY	0.6980, 0.9490, 0.8941
CMYK	0.00, 0.83, 0.65, 0.70
HSL	347°, 71%, 18%
HSV	347°, 83%, 30%
XYZ	3.4023, 1.9448, 1.2330
YIQ	33.7320, 33.6500, 17.9220

# Conversions

## Conversions Part 2

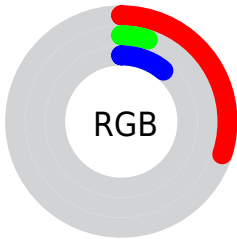
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 13, 27
Decimal	5049627
CIE Lab	15.19, 30.32, 8.87
CIE LCh	15, 31.596, 16.308
Yxy	1.9448, 0.5171, 0.2956
Android (android.graphics.Color)	4283239707 (0xFF4D0D1B)
YUV	33.7320, -3.3189, 37.9460
Hunter-Lab	13.9455, 19.1447, 4.5198

# Details

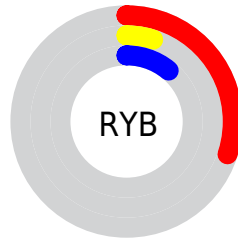
The Decimal color **5049627** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **871743**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **8535622**, and **1376256** is the 20% darker color. If you saturate the color by 10%, you get **5047573**, and if you desaturate by 10%, it is **5051681**.

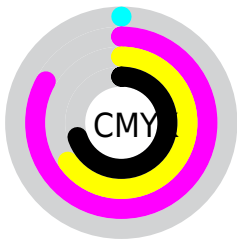
# Distribution



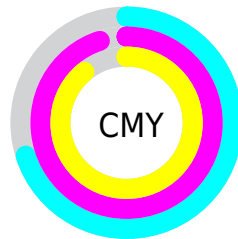
- Red (30%)
- Green (5%)
- Blue (11%)



- Red (30%)
- Yellow (5%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (65%)
- Black (70%)



- Cyan (70%)
- Magenta (95%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5049627 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 5049627 by changing the saturation by 10% instead.



 5049627

 5049627

 16775422

 3473408

 8535622

 1376256

 10376797

 0

 12218230

 14059920

 16032938

 16760773

 16767969

 5049627

 5049627

■ 5047573

■ 5051681

■ 5046289

■ 5053479

■ 5055533

■ 5057587

■ 5059385

■ 5061439

■ 5063493

■ 5065547

■ 5067345

# Harmonies

## Analogous

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



4722481



5049627



4658944

# Triad

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



5049627



601344



11346

# Complementary

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



5049627



871743

# 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.



12102



5049627



12059

# Square

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



5049627



2435328



12338



533841

# Rectangle

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



5049627



4070912



12338



11599



# Sweetspot

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



5049627



6507344



4066637



3351591



11776947



3355443



# Same Dimension

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



5049627



6488086



5053965



2499107



6684694



15073330



# Inverse Universe

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



5049627



6488086



867405



2499107



6684694

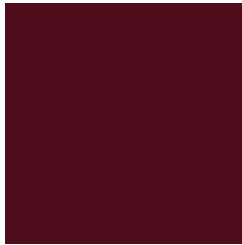


15073330



# Previews

## White Background



This preview shows how the Decimal color 5049627 looks on a white background.

## Color Contrast Check

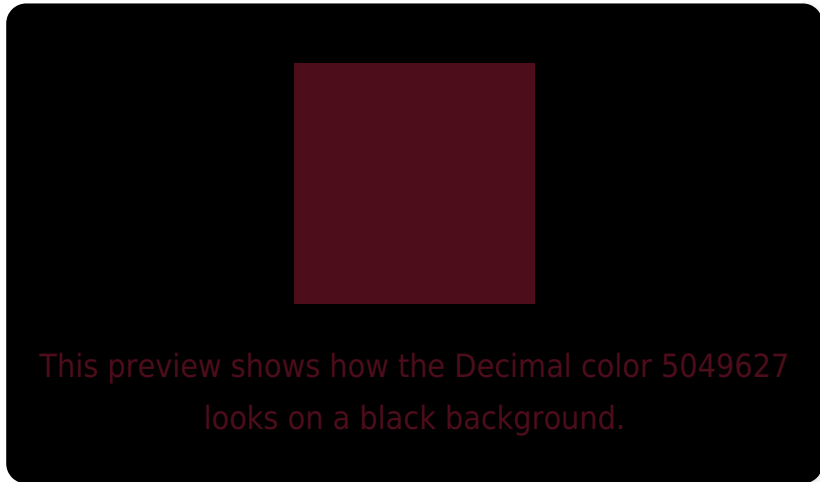
Large Text (above 18pt) WCAG AA ✓ Pass

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

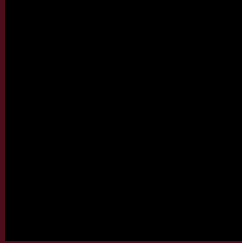
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5049627 Background



This preview shows how black text looks on a background with the Decimal color 5049627.



This preview shows how white text looks on a background with the Decimal color 5049627.

# 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**  
5049627

**Protanopia**  
2762790

**Deuteranopia**  
3221272



# Trichromacy



**Original Color**

5049627

**Protanomaly**

3612194

**Deuteranomaly**

3874329

**Tritanomaly**

5050132

# Monochromacy



**Original Color**

5049627

**Achromatopsia**

2236962

**Achromatomaly**

3283487

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5049627 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 #4D0D1B looks like.

```
.text, #text, p{  
    color:#4D0D1B  
}
```

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 #4D0D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0D1B
}
```

## Border

The CSS property to change the border of an element to Decimal 5049627 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".

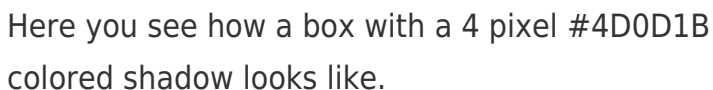
```
.border, #border, table{ border:4px solid
#4D0D1B }
```

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

```
.border{ border-color:#4D0D1B }
```

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

Here you see how a box with a 4 pixel #4D0D1B 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 #4D0D1B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0D1B; -webkit-box-shadow:4px 4px  
4px 4px #4D0D1B; box-shadow:4px 4px 4px  
4px #4D0D1B }
```

# Background

The CSS property to change the background color of an element to Decimal 5049627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0D1B }
```

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

```
.background{ background-color:#4D0D1B }
```

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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