

# Converting Colors

Decimal(5177427)

Have a look what the booklet for  
Decimal(5177427) contains.

<b>Decimal(5177427)</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(5177427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F0053
RGB	79, 0, 83
RGB Percent	31%, 0%, 33%
CMY	0.6902, 1.0000, 0.6745
CMYK	0.05, 1.00, 0.00, 0.67
HSL	297°, 100%, 16%
HSV	297°, 100%, 33%
XYZ	4.7858, 2.2868, 8.3728
YIQ	33.0830, 20.4410, 42.5610

# Conversions

## Conversions Part 2

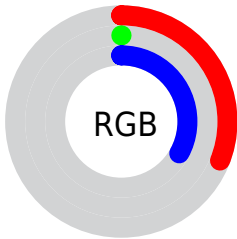
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 0, 83
Decimal	5177427
CIE <sub>Lab</sub>	16.93, 42.71, -28.28
CIE <sub>LCh</sub>	17, 51.226, 326.491
Yxy	2.2868, 0.3099, 0.1481
Android (android.graphics.Color)	4283367507 (0xFF4F0053)
YUV	33.0830, 24.6091, 40.2692
Hunter-Lab	15.1222, 30.0270, -22.2419

# Details

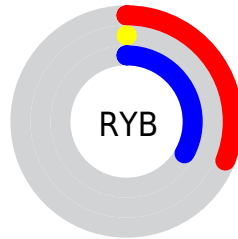
The Decimal color **5177427** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **283392**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **8599941**, and **2097190** is the 20% darker color. If you saturate the color by 10%, you get **5177427**, and if you desaturate by 10%, it is **5179475**.

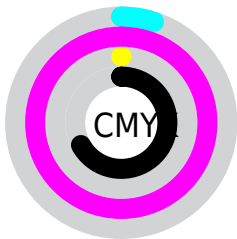
# Distribution



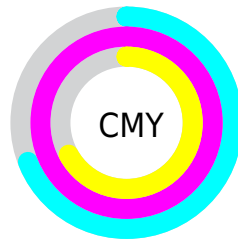
- Red (31%)
- Green (0%)
- Blue (33%)



- Red (31%)
- Yellow (0%)
- Blue (33%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (100%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5177427 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 5177427 by changing the saturation by 10% instead.



 5177427

 5177427

 16775167

 3539004

 8599941

 2097190

 10376095

 270

 12217531

 0

 14125014

 16032499

 16760575

 16767743

 5177427

■ 5179475

■ 5247315

■ 5249363

■ 5316947

■ 5318995

■ 5321299

■ 5388883

■ 5390931

■ 5458771

# Harmonies

## Analogous

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



402029



5177427



6553648

# Triad

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



5177427



3680000



14410

# Complementary

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



5177427



283392

# 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.



14116



5177427



1257728

# Square

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



5177427



5444352



13568



14184

# Rectangle

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



5177427



6684696



13568



14398



# Sweetspot

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



5177427



6966123



1107



3482166



11908533



3552822



# Same Dimension

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



5177427



6684779



5439534



2696489



6553705



14483688



# Inverse Universe

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



5439492



7012357



21285



2696485



6881285

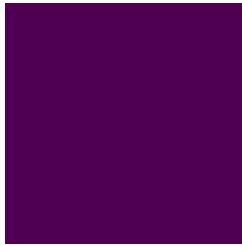


15204363



# Previews

## White Background



This preview shows how the Decimal color 5177427 looks on a white background.

## Color Contrast Check

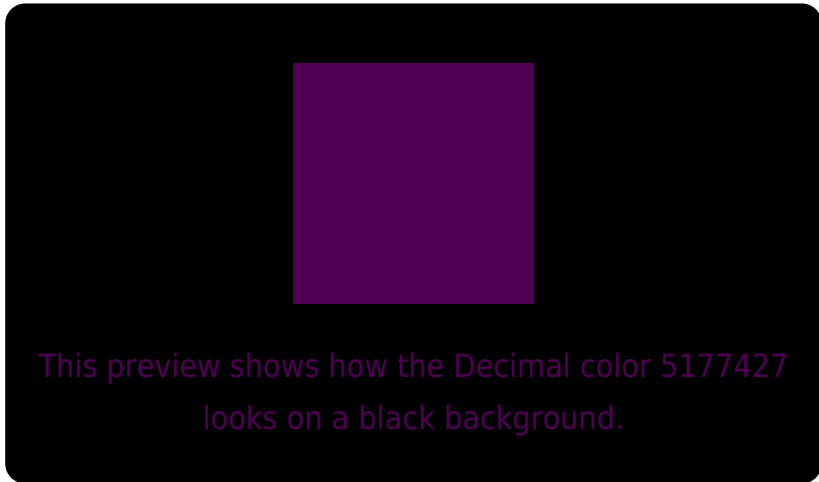
Large Text (above 18pt) WCAG AA ✓ Pass

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

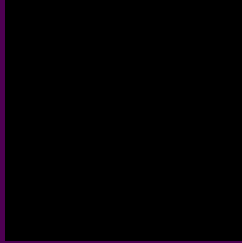
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5177427 Background



This preview shows how black text looks on a background with the Decimal color 5177427.




This preview shows how white text looks on a background with the Decimal color 5177427.

# 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**  
4792611

# Trichromacy



**Original Color**  
5177427

**Protanomaly**  
1907802

**Deuteranomaly**  
2825552

**Tritanomaly**  
4920628

# Monochromacy



**Original Color**  
5177427

**Achromatopsia**  
2171169

**Achromatomaly**  
3282227

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5177427 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 #4F0053 looks like.

```
.text, #text, p{  
    color:#4F0053  
}
```

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 #4F0053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0053
}
```

## Border

The CSS property to change the border of an element to Decimal 5177427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

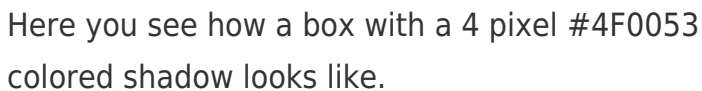
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0053 }
```

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

```
.border{ border-color:#4F0053 }
```

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



Here you see how a box with a 4 pixel #4F0053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0053; -webkit-box-shadow:4px 4px  
4px 4px #4F0053; box-shadow:4px 4px 4px  
4px #4F0053 }
```

# Background

The CSS property to change the background color of an element to Decimal 5177427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0053 }
```

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

```
.background{ background-color:#4F0053 }
```

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