

Converting Colors

Decimal(5177857)

Have a look what the booklet for
Decimal(5177857) contains.

Decimal(5177857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(5177857)

Conversions

Conversions Part 1

Format	Color
Hex	4F0201
RGB	79, 2, 1
RGB Percent	31%, 1%, 0%
CMY	0.6902, 0.9922, 0.9961
CMYK	0.00, 0.97, 0.99, 0.69
HSL	1°, 98%, 16%
HSV	1°, 99%, 31%
XYZ	3.2516, 1.7079, 0.1870
YIQ	24.9090, 46.2130, 16.0130

Conversions

Conversions Part 2

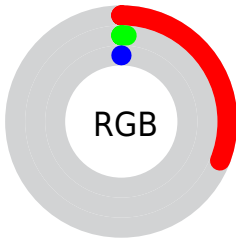
Format	Color
R_{YB}	79, 2, 1
Decimal	5177857
CIE Lab	13.87, 33.55, 21.24
CIE LCh	14, 39.712, 32.340
Yxy	1.7079, 0.6318, 0.3319
Android (android.graphics.Color)	4283367937 (0xFF4F0201)
YUV	24.9090, -11.7871, 47.4378
Hunter-Lab	13.0686, 21.5433, 8.2997

Details

The Decimal color **5177857** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **85583**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **8795696**, and **1114112** is the 20% darker color. If you saturate the color by 10%, you get **5177600**, and if you desaturate by 10%, it is **5179913**.

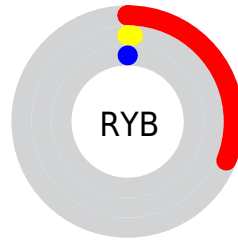
Distribution



Red (31%)

Green (1%)

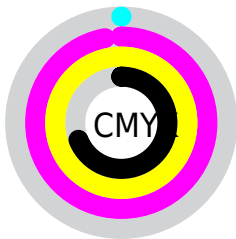
Blue (0%)



Red (31%)

Yellow (1%)

Blue (0%)

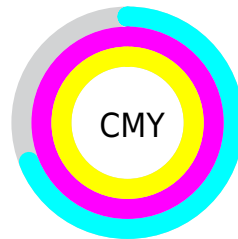


Cyan (0%)

Magenta (97%)

Yellow (99%)

Black (69%)



Cyan (69%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5177857 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 5177857 by changing the saturation by 10% instead.


 5177857

 5177857

 16773602

 3473408

 8795696

 1114112

 10637126

 0

 12544094

 14516855

 16489872

 16758955

 16766150

 5177857

 5177857

■ 5177600

■ 5179913

■ 5181969

■ 5183769

■ 5185825

■ 5187881

■ 5189936

■ 5191992

■ 5193792

■ 5195848

Harmonies

Analogous

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



5308450



5177857



4265728

Triad

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



5177857



11523



10076

Complementary

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



5177857



85583

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.



11605



5177857



12069

Square

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



5177857



928256



12097



2169683

Rectangle

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



5177857



3350528



12097



10587

Sweetspot

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



5177857



6703175



5177679



3350817



11776947



3355443

Same Dimension

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



5177857



6684928



5187585



2499106



15074048

Inverse Universe

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



85583



25958



75855



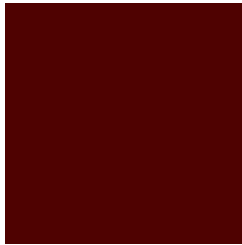
2237990



58342

Previews

White Background



This preview shows how the Decimal color 5177857 looks on a white background.

Color Contrast Check

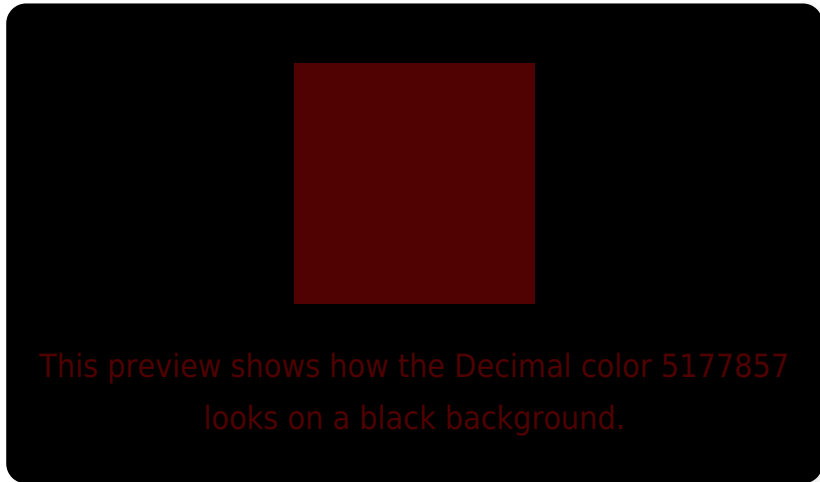
Large Text (above 18pt) WCAG AA ✓ Pass

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

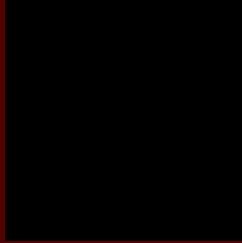
Any Text WCAG AA × Fail

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 5177857 Background



This preview shows how black text looks on a background with the Decimal color 5177857.

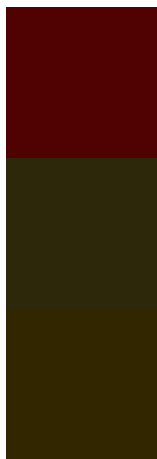


This preview shows how white text looks on a background with the Decimal color 5177857.

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
5177857

Protanopia
2959370

Deuteranopia
3286528



Tritanopia
5113600

Trichromacy



Original Color

5177857

Protanomaly

3742215

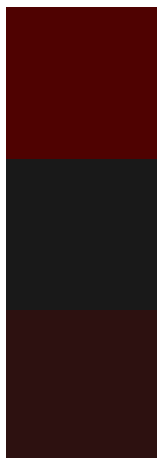
Deuteranomaly

4004096

Tritanomaly

5113088

Monochromacy



Original Color

5177857

Achromatopsia

1644825

Achromatomaly

2953488

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5177857 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 #4F0201 looks like.

```
.text, #text, p{  
    color:#4F0201  
}
```

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 #4F0201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0201
}
```

Border

The CSS property to change the border of an element to Decimal 5177857 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".

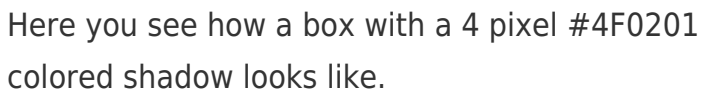
```
.border, #border, table{ border:4px solid
#4F0201 }
```

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

```
.border{ border-color:#4F0201 }
```

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

Here you see how a box with a 4 pixel #4F0201 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0201; -webkit-box-shadow:4px 4px  
4px 4px #4F0201; box-shadow:4px 4px 4px  
4px #4F0201 }
```

Background

The CSS property to change the background color of an element to Decimal 5177857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0201 }
```

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

```
.background{ background-color:#4F0201 }
```

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