

Converting Colors

Decimal(5112370)

Have a look what the booklet for
Decimal(5112370) contains.

Decimal(5112370)	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(5112370)

Conversions

Conversions Part 1

Format	Color
Hex	4E0232
RGB	78, 2, 50
RGB Percent	31%, 1%, 20%
CMY	0.6941, 0.9922, 0.8039
CMYK	0.00, 0.97, 0.36, 0.69
HSL	322°, 95%, 16%
HSV	322°, 97%, 31%
XYZ	3.7393, 1.8934, 3.1860
YIQ	30.1960, 29.8880, 31.0400

Conversions

Conversions Part 2

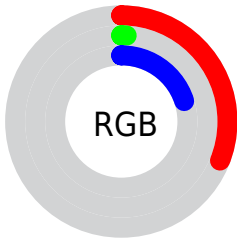
Format	Color
R_{YB}	78, 2, 50
Decimal	5112370
CIE _{Lab}	14.92, 36.79, -8.32
CIE _{LCh}	15, 37.719, 347.251
Yxy	1.8934, 0.4240, 0.2147
Android (android.graphics.Color)	4283302450 (0xFF4E0232)
YUV	30.1960, 9.7634, 41.9241
Hunter-Lab	13.7601, 24.4273, -4.0958

Details

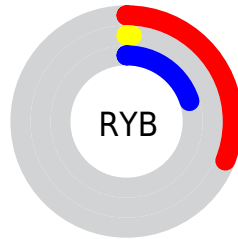
The Decimal color **5112370** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **151070**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **8534112**, and **1835009** is the 20% darker color. If you saturate the color by 10%, you get **5111857**, and if you desaturate by 10%, it is **5114421**.

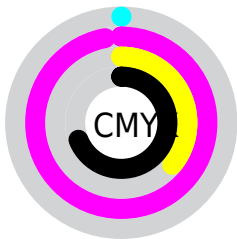
Distribution



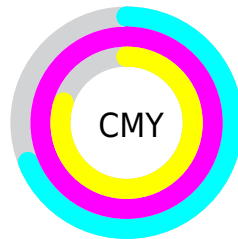
- Red (31%)
- Green (1%)
- Blue (20%)



- Red (31%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (36%)
- Black (69%)




- Cyan (69%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5112370 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 5112370 by changing the saturation by 10% instead.

 5112370

 5112370

 16774399


 3473437

 8534112

 1835009

 10375545

 0


 12151443


 14058925

 15966153

 16759781

 16766975

 5112370

 5112370

■ 5111857

■ 5114421

■ 5116472

■ 5118267

■ 5120317

■ 5122368

■ 5124419

■ 5126470

■ 5128265

■ 5130316

Harmonies

Analogous

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



3741002



5112370



5374232

Triad

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



5112370



2238720



12364

Complementary

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



5112370



151070

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.



12597



5112370



11776

Square

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



5112370



3743744



12313



11354

Rectangle

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



5112370



5114880



12313



12357

Sweetspot

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



5112370



6703195



1966670



3350828



11776947



3355443

Same Dimension

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



5112370



6684736



5112332



2499109



15073425

Inverse Universe

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



5112370



6684736



151108



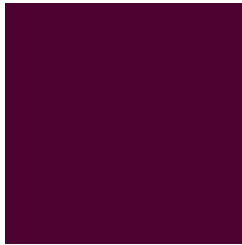
2499109



15073425

Previews

White Background



This preview shows how the Decimal color 5112370 looks on a white background.

Color Contrast Check

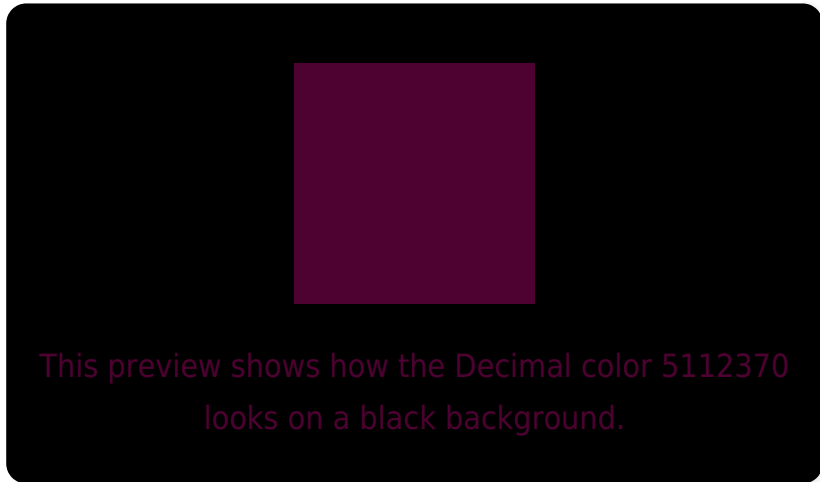
Large Text (above 18pt) WCAG AA ✓ Pass

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

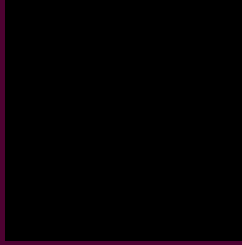
Any Text WCAG AA × Fail

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 5112370 Background



This preview shows how black text looks on a background with the Decimal color 5112370.



This preview shows how white text looks on a background with the Decimal color 5112370.

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
5112370

Protanopia
1845320

Deuteranopia
2828335

Trichromacy



Original Color
5112370

Protanomaly
3021376

Deuteranomaly
3676720

Tritanomaly
5049632

Monochromacy



Original Color
5112370

Achromatopsia
1973790

Achromatomaly
3085349

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5112370 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 #4E0232 looks like.

```
.text, #text, p{  
    color:#4E0232  
}
```

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 #4E0232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0232
}
```

Border

The CSS property to change the border of an element to Decimal 5112370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

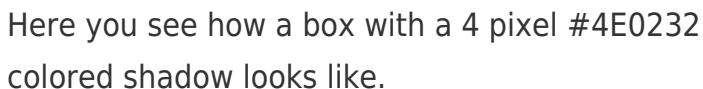
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0232 }
```

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

```
.border{ border-color:#4E0232 }
```

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



Here you see how a box with a 4 pixel #4E0232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0232; -webkit-box-shadow:4px 4px  
4px 4px #4E0232; box-shadow:4px 4px 4px  
4px #4E0232 }
```

Background

The CSS property to change the background color of an element to Decimal 5112370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0232 }
```

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

```
.background{ background-color:#4E0232 }
```

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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