

Converting Colors

Decimal(5837330)

Have a look what the booklet for
Decimal(5837330) contains.

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Color

Decimal(5837330)

Conversions

Conversions Part 1

Format	Color
Hex	591212
RGB	89, 18, 18
RGB Percent	35%, 7%, 7%
CMY	0.6510, 0.9294, 0.9294
CMYK	0.00, 0.80, 0.80, 0.65
HSL	0°, 66%, 21%
HSV	0°, 80%, 35%
XYZ	4.4453, 2.6001, 0.8398
YIQ	39.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

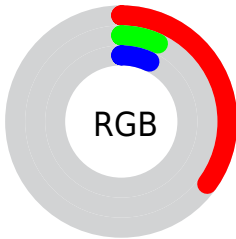
Format	Color
R_{YB}	89, 18, 18
Decimal	5837330
CIE _{Lab}	18.37, 32.02, 19.65
CIE _{LCh}	18, 37.569, 31.540
Yxy	2.6001, 0.5637, 0.3297
Android (android.graphics.Color)	4284027410 (0xFF591212)
YUV	39.2290, -10.4659, 43.6492
Hunter-Lab	16.1249, 20.9902, 8.1994

Details

The Decimal color **5837330** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1202521**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **9454396**, and **2490369** is the 20% darker color. If you saturate the color by 10%, you get **5835017**, and if you desaturate by 10%, it is **5839643**.

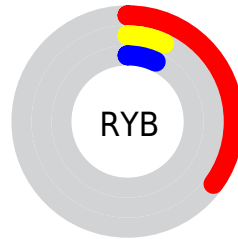
Distribution



Red (35%)

Green (7%)

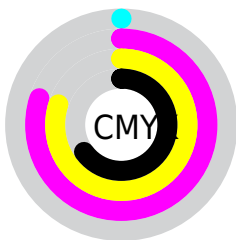
Blue (7%)



Red (35%)

Yellow (7%)

Blue (7%)

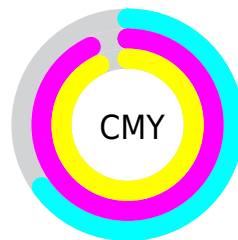


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (65%)



Cyan (65%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5837330 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 5837330 by changing the saturation by 10% instead.

 5837330

 5837330

 16777202

 4128768


 9454396

 2490369

 11361363

 0

 13268332

 15175557

 16755359

 16762554

 16769750

 5837330

 5837330

■ 5835017

■ 5839643

■ 5832704

■ 5841956

■ 5844269

■ 5846582

■ 5848638

■ 5850951

■ 5853264

■ 5855577

■ 5857890

Harmonies

Analogous

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



5966125



5837330



4989184

Triad

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



5837330



14097



12388

Complementary

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



5837330



1202521

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.



13917



5837330



14381

Square

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



5837330



1913600



14409



2893148

Rectangle

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



5837330



4139264



14409



12899

Sweetspot

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



5837330



7558999



5837401



3877418



12237498



3881787

Same Dimension

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



5837330



7537925



5846290



2828071



7012352



15400960

Inverse Universe

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



1202521



357235



1193305



2566955



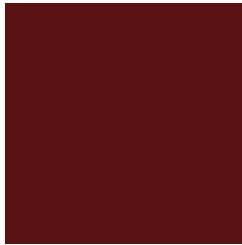
27499



60395

Previews

White Background



This preview shows how the Decimal color 5837330 looks on a white background.

Color Contrast Check

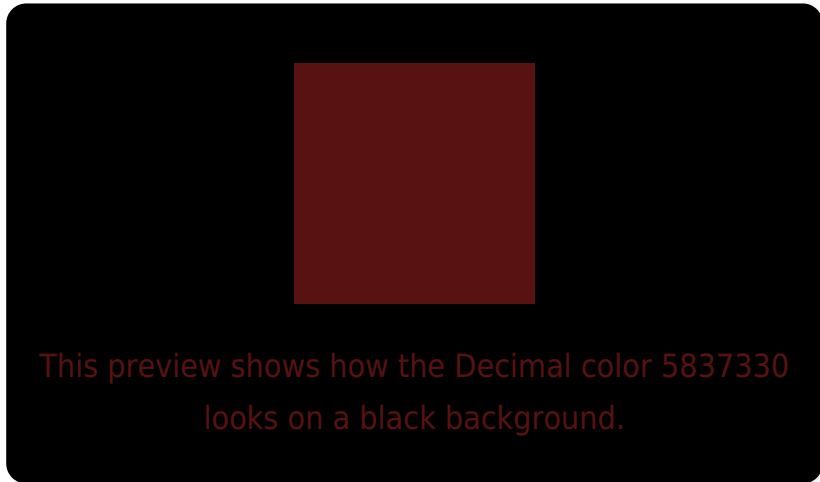
Large Text (above 18pt) WCAG AA ✓ Pass

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

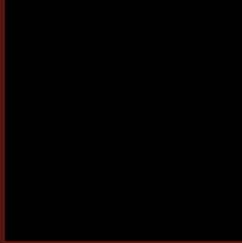
Any Text WCAG AA × Fail

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 5837330 Background



This preview shows how black text looks on a background with the Decimal color 5837330.

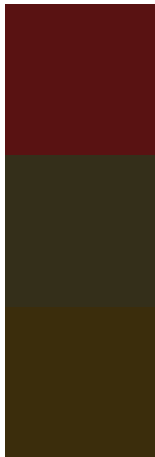


This preview shows how white text looks on a background with the Decimal color 5837330.

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
5837330

Protanopia
3419930

Deuteranopia
3878156



Tritanopia
5837330

Trichromacy



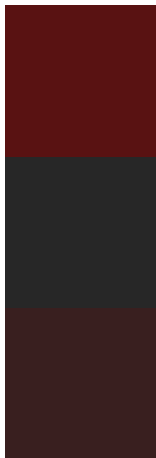
Original Color
5837330

Protanomaly
4269079

Deuteranomaly
4596494

Tritanomaly
5837330

Monochromacy



Original Color
5837330

Achromatopsia
2565927

Achromatomaly
3743519

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5837330 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 #591212 looks like.

```
.text, #text, p{  
    color:#591212  
}
```

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 #591212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591212
}
```

Border

The CSS property to change the border of an element to Decimal 5837330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

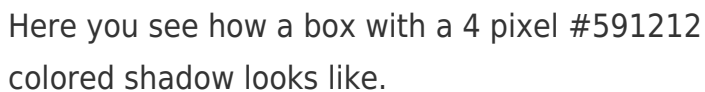
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591212 }
```

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

```
.border{ border-color:#591212 }
```

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



Here you see how a box with a 4 pixel #591212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591212; -webkit-box-shadow:4px 4px  
4px 4px #591212; box-shadow:4px 4px 4px  
4px #591212 }
```

Background

The CSS property to change the background color of an element to Decimal 5837330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591212 }
```

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

```
.background{ background-color:#591212 }
```

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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