

Converting Colors

Decimal(5837313)

Have a look what the booklet for
Decimal(5837313) contains.

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Color

Decimal(5837313)

Conversions

Conversions Part 1

Format	Color
Hex	591201
RGB	89, 18, 1
RGB Percent	35%, 7%, 0%
CMY	0.6510, 0.9294, 0.9961
CMYK	0.00, 0.80, 0.99, 0.65
HSL	12°, 98%, 18%
HSV	12°, 99%, 35%
XYZ	4.3416, 2.5587, 0.2938
YIQ	37.2910, 47.7730, 9.7650

Conversions

Conversions Part 2

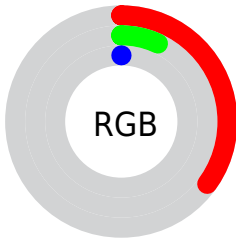
Format	Color
R_{YB}	89, 22, 1
Decimal	5837313
CIE _{Lab}	18.18, 31.40, 27.15
CIE _{LCh}	18, 41.507, 40.846
Yxy	2.5587, 0.6035, 0.3557
Android (android.graphics.Color)	4284027393 (0xFF591201)
YUV	37.2910, -17.8915, 45.3488
Hunter-Lab	15.9958, 20.4562, 10.1082

Details

The Decimal color **5837313** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **84057**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **9519919**, and **2424833** is the 20% darker color. If you saturate the color by 10%, you get **5837056**, and if you desaturate by 10%, it is **5839114**.

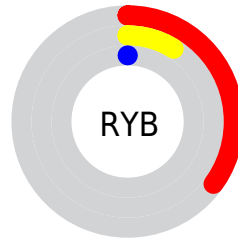
Distribution



Red (35%)

Green (7%)

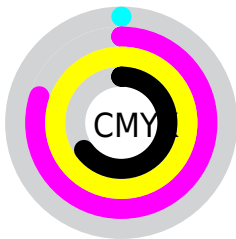
Blue (0%)



Red (35%)

Yellow (9%)

Blue (0%)

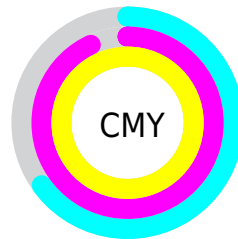


Cyan (0%)

Magenta (80%)

Yellow (99%)

Black (65%)



Cyan (65%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5837313 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 5837313 by changing the saturation by 10% instead.

 5837313

 5837313

 16777187

 4063232

 9519919

 2424833

 11361094

 0

 13333854

 15306615

 16755345

 16762539

 16769735

 5837313

 5837313

■ 5837056

■ 5839114

■ 5840915

■ 5842972

■ 5844773

■ 5846573

■ 5848374

■ 5850175

■ 5851976

■ 5854033

Harmonies

Analogous

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



6225955



5837313



4662272

Triad

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



5837313



14359



11624

Complementary

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



5837313



84057

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.



13670



5837313



14647

Square

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



5837313



734464



14419



3743322

Rectangle

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



5837313



3615744



14419



12393

Sweetspot

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



5837313



7558992



5833033



3877414



12237498



3881787

Same Dimension

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



5837313



7542272



5848321



2828327



7017728



15412480

Inverse Universe

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



84057



23923



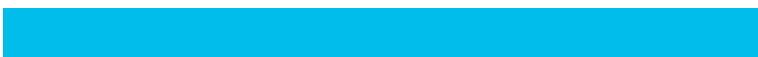
73049



2566955



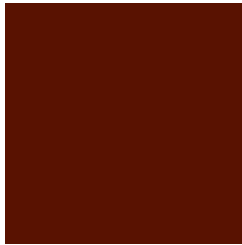
22123



48619

Previews

White Background



This preview shows how the Decimal color 5837313 looks on a white background.

Color Contrast Check

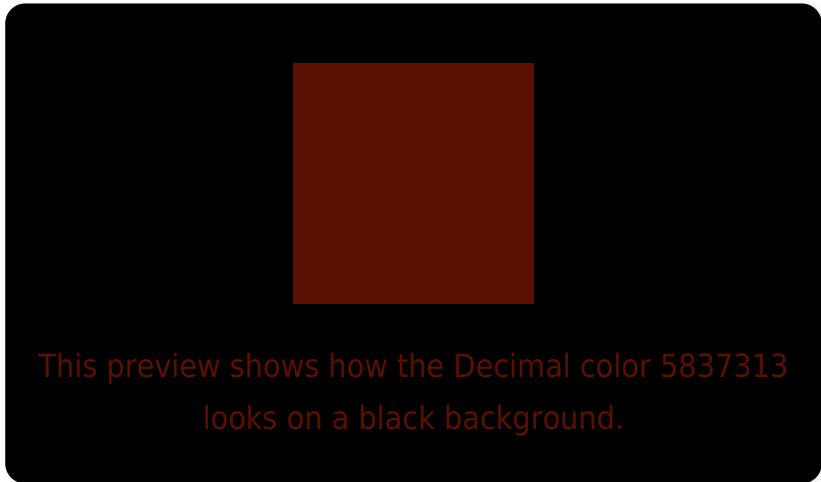
Large Text (above 18pt) WCAG AA ✓ Pass

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

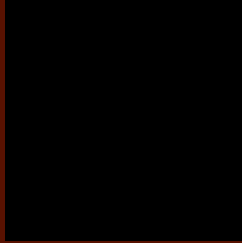
Any Text WCAG AA × Fail

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 5837313 Background



This preview shows how black text looks on a background with the Decimal color 5837313.



This preview shows how white text looks on a background with the Decimal color 5837313.

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
5837313

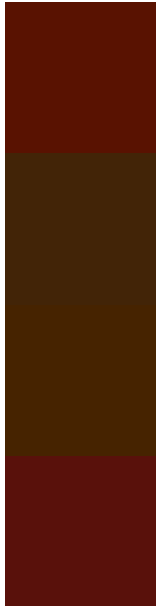
Protanopia
3485451

Deuteranopia
3877888



Tritanopia
5837073

Trichromacy



Original Color
5837313

Protanomaly
4334599

Deuteranomaly
4596480

Tritanomaly
5837067

Monochromacy



Original Color
5837313

Achromatopsia
2434341

Achromatomaly
3677720

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5837313 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 #591201 looks like.

```
.text, #text, p{  
    color:#591201  
}
```

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 #591201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591201
}
```

Border

The CSS property to change the border of an element to Decimal 5837313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

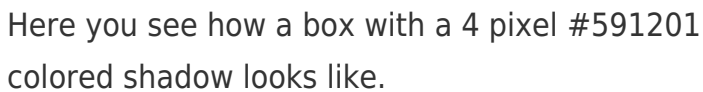
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591201 }
```

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

```
.border{ border-color:#591201 }
```

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



Here you see how a box with a 4 pixel #591201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591201; -webkit-box-shadow:4px 4px  
4px 4px #591201; box-shadow:4px 4px 4px  
4px #591201 }
```

Background

The CSS property to change the background color of an element to Decimal 5837313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591201 }
```

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

```
.background{ background-color:#591201 }
```

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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