

Converting Colors

Decimal(4131877)

Have a look what the booklet for
Decimal(4131877) contains.

Decimal(4131877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4131877)

Conversions

Conversions Part 1

Format	Color
Hex	3F0C25
RGB	63, 12, 37
RGB Percent	25%, 5%, 15%
CMY	0.7529, 0.9529, 0.8549
CMYK	0.00, 0.81, 0.41, 0.75
HSL	331°, 68%, 15%
HSV	331°, 81%, 25%
XYZ	2.5153, 1.4533, 1.8982
YIQ	30.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

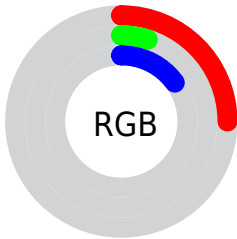
Format	Color
RYB	63, 12, 37
Decimal	4131877
CIELab	12.31, 26.98, -3.05
CIELCh	12, 27.156, 353.546
Yxy	1.4533, 0.4287, 0.2477
Android (android.graphics.Color)	4282321957 (0xFF3F0C25)
YUV	30.0990, 3.4022, 28.8542
Hunter-Lab	12.0552, 16.1472, -0.8971

Details

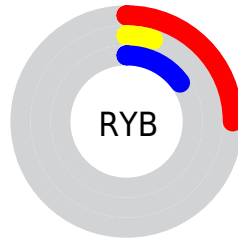
The Decimal color **4131877** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **802598**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **7420754**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4130338**, and if you desaturate by 10%, it is **4133416**.

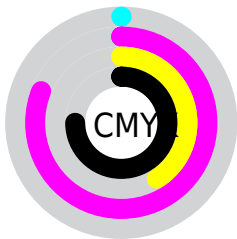
Distribution



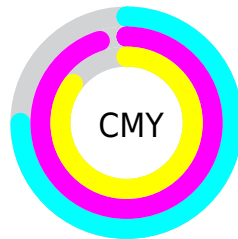
- Red (25%)
- Green (5%)
- Blue (15%)



- Red (25%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (41%)
- Black (75%)



- Cyan (75%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4131877 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 4131877 by changing the saturation by 10% instead.

■ 4131877

■ 4131877

■ 16774143

■ 2752528

■ 7420754

■ 0

■ 9196394

■ 10972035

■ 12748189

■ 14655672

■ 16563155

■ 16766960

■ 4131877

■ 4131877

■ 4130338

■ 4133416

■ 4128799

■ 4135211

■ 4136751

■ 4138290

■ 4140085

■ 4141624

■ 4143163

■ 4144703

■ 4146498

Harmonies

Analogous

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



3281975



4131877



4263186

Triad

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



4131877



1843968



10046

Complementary

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



4131877



802598

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.



10543



4131877



141060

Square

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



4131877



2956800



10267



9286

Rectangle

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



4131877



4002560



10267



10298

Sweetspot

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



4131877



5389896



2493503



2694435



11053224



2697513

Same Dimension

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



4131877



5374505



4131852



2038813



6160430



14549101

Inverse Universe

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



4131877



5374505



802623



2038813



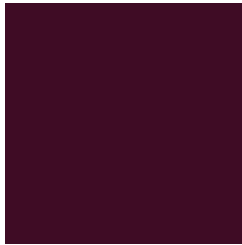
6160430



14549101

Previews

White Background



This preview shows how the Decimal color 4131877 looks on a white background.

Color Contrast Check

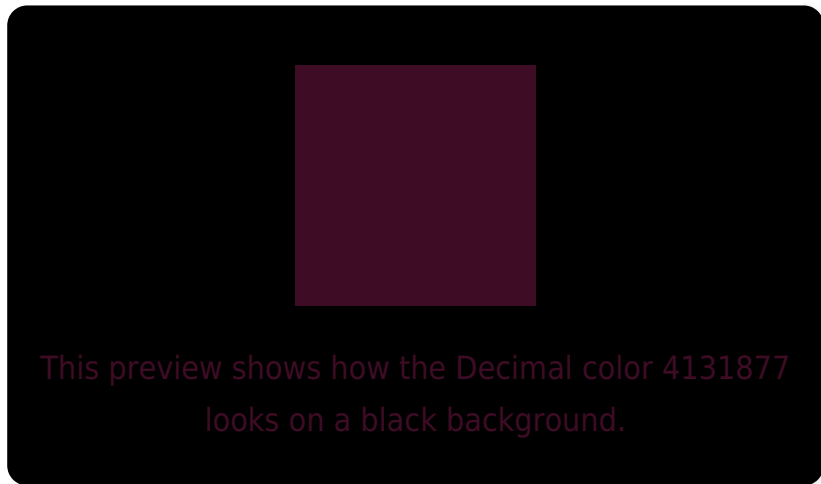
Large Text (above 18pt) WCAG AA ✓ Pass

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

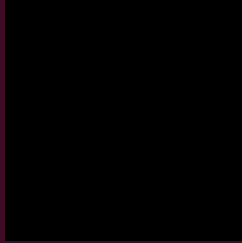
Any Text WCAG AA × Fail

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 4131877 Background



This preview shows how black text looks on a background with the Decimal color 4131877.



This preview shows how white text looks on a background with the Decimal color 4131877.

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
4131877

Protanopia
1909299

Deuteranopia
2433314

Trichromacy



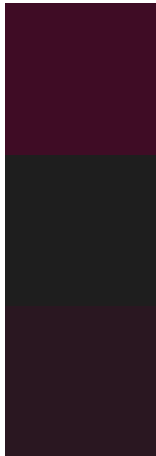
Original Color
4131877

Protanomaly
2693678

Deuteranomaly
3021091

Tritanomaly
4067354

Monochromacy



Original Color
4131877

Achromatopsia
1973790

Achromatomaly
2758433

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4131877 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 #3F0C25 looks like.

```
.text, #text, p{  
    color:#3F0C25  
}
```

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 #3F0C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0C25
}
```

Border

The CSS property to change the border of an element to Decimal 4131877 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".

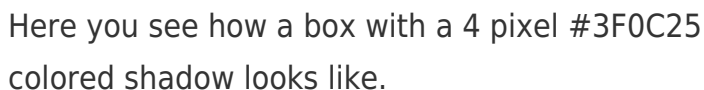
```
.border, #border, table{ border:4px solid
#3F0C25 }
```

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

```
.border{ border-color:#3F0C25 }
```

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

Here you see how a box with a 4 pixel #3F0C25 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3F0C25 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0C25; -webkit-box-shadow:4px 4px  
4px 4px #3F0C25; box-shadow:4px 4px 4px  
4px #3F0C25 }
```

Background

The CSS property to change the background color of an element to Decimal 4131877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0C25 }
```

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

```
.background{ background-color:#3F0C25 }
```

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