

Converting Colors

Decimal(3872016)

Have a look what the booklet for
Decimal(3872016) contains.

| | |
|--|----|
| Decimal(3872016) | 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(3872016)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 3B1510 |
| RGB | 59, 21, 16 |
| RGB Percent | 23%, 8%, 6% |
| CMY | 0.7686, 0.9176, 0.9373 |
| CMYK | 0.00, 0.64, 0.73, 0.77 |
| HSL | 7°, 57%, 15% |
| HSV | 7°, 73%, 23% |
| XYZ | 2.1653, 1.5035, 0.6663 |
| YIQ | 31.7920, 24.2530, 6.5010 |

Conversions

Conversions Part 2

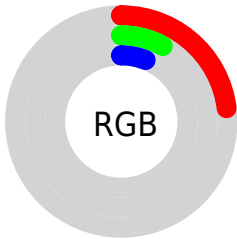
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 59, 22, 16 |
| Decimal | 3872016 |
| CIE Lab | 12.63, 18.33, 12.25 |
| CIE LCh | 13, 22.048, 33.741 |
| Yxy | 1.5035, 0.4995, 0.3468 |
| Android (android.graphics.Color) | 4282062096 (0xFF3B1510) |
| YUV | 31.7920, -7.7855, 23.8614 |
| Hunter-Lab | 12.2619, 10.0628, 5.3616 |

Details

The Decimal color **3872016** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1062459**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **7160122**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **3870730**, and if you desaturate by 10%, it is **3873302**.

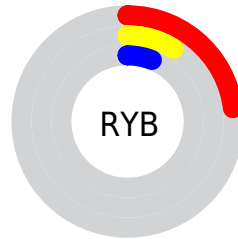
Distribution



 Red (23%)

 Green (8%)

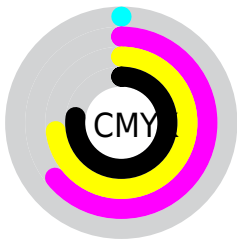
 Blue (6%)



 Red (23%)

 Yellow (9%)

 Blue (6%)

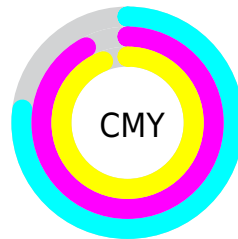


 Cyan (0%)

 Magenta (64%)

 Yellow (73%)

 Black (77%)



 Cyan (77%)

 Magenta (92%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3872016 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 3872016 by changing the saturation by 10% instead.

■ 3872016

■ 3872016

■ 16775920

■ 2490368

■ 7160122

■ 0

■ 8935761

■ 10711657

■ 12487555

■ 14395037

■ 16302520

■ 16768467

■ 3872016

■ 3872016

■ 3870730

■ 3873302

■ 3869444

■ 3874588

■ 3868416

■ 3876130

■ 3877416

■ 3878701

■ 3879987

■ 3881273

■ 3882815

■ 3884101

Harmonies

Analogous

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



3936799



3872016



3414784

Triad

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



3872016



10003



74303

Complementary

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



3872016



1062459

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.



9788



3872016



10274

Square

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



3872016



1647872



10289



2366522

Rectangle

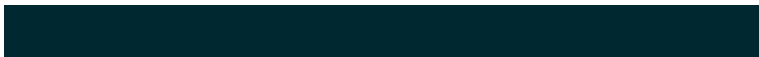
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3872016



2957056



10289



9023

Sweetspot

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



3872016



5062204



3870775



2497820



10921638



2500134

Same Dimension

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



3872016



5050890



3877392



2038812



6163200



14555648

Inverse Universe

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



1062459



673101



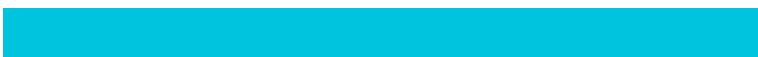
1057083



1842719



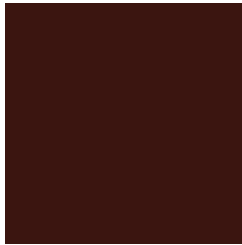
21342



50398

Previews

White Background



This preview shows how the Decimal color 3872016 looks on a white background.

Color Contrast Check

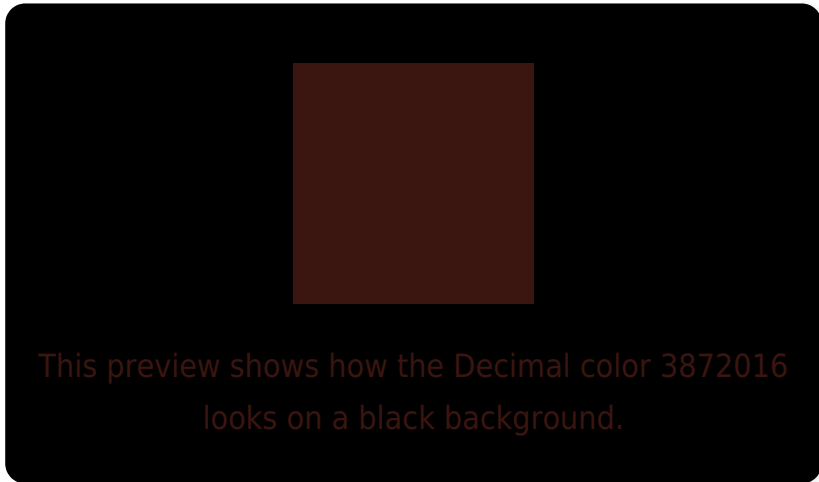
Large Text (above 18pt) WCAG AA ✓ Pass

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

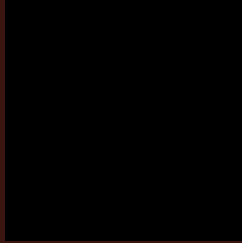
Any Text WCAG AA × Fail

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 3872016 Background



This preview shows how black text looks on a background with the Decimal color 3872016.

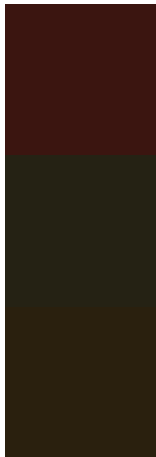


This preview shows how white text looks on a background with the Decimal color 3872016.

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
3872016

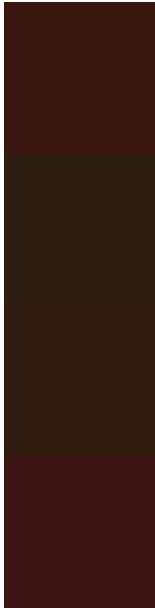
Protanopia
2433556

Deuteranopia
2760718



Tritanopia
3871765

Trichromacy



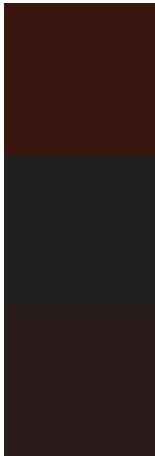
Original Color
3872016

Protanomaly
2956563

Deuteranomaly
3152911

Tritanomaly
3871763

Monochromacy



Original Color
3872016

Achromatopsia
2105376

Achromatomaly
2759706

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3872016 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 #3B1510 looks like.

```
.text, #text, p{  
  color:#3B1510  
}
```

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 #3B1510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1510
}
```

Border

The CSS property to change the border of an element to Decimal 3872016 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
#3B1510 }
```

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

```
.border{ border-color:#3B1510 }
```

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

Here you see how a box with a 4 pixel #3B1510 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1510; -webkit-box-shadow:4px 4px  
4px 4px #3B1510; box-shadow:4px 4px 4px  
4px #3B1510 }
```

Background

The CSS property to change the background color of an element to Decimal 3872016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1510 }
```

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

```
.background{ background-color:#3B1510 }
```

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