

Converting Colors

Decimal(4206349)

Have a look what the booklet for
Decimal(4206349) contains.

| | |
|--|----|
| Decimal(4206349) | 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(4206349)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 402F0D |
| RGB | 64, 47, 13 |
| RGB Percent | 25%, 18%, 5% |
| CMY | 0.7490, 0.8157, 0.9490 |
| CMYK | 0.00, 0.27, 0.80, 0.75 |
| HSL | 40°, 66%, 15% |
| HSV | 40°, 80%, 25% |
| XYZ | 3.2035, 3.1521, 0.8203 |
| YIQ | 48.2070, 21.0460, -6.9700 |

Conversions

Conversions Part 2

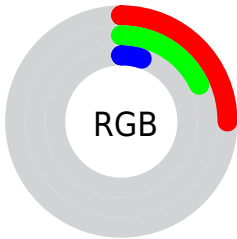
| Format | Color |
|-------------------------------------|--|
| RYB | 39, 64, 13 |
| Decimal | 4206349 |
| CIELab | 20.64, 3.57, 23.86 |
| CIElCh | 21, 24.123, 81.498 |
| Yxy | 3.1521, 0.4464, 0.4393 |
| Android (android.graphics.Color) | 4282396429 (0xFF402F0D) |
| YUV | 48.2070, -17.3571, 13.8505 |
| Hunter-Lab | 17.7541, 1.1385, 9.6883 |

Details

The Decimal color **4206349** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **859712**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **7494969**, and **851968** is the 20% darker color. If you saturate the color by 10%, you get **4205831**, and if you desaturate by 10%, it is **4206867**.

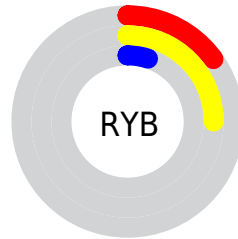
Distribution



Red (25%)

Green (18%)

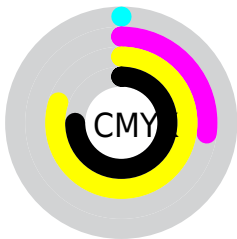
Blue (5%)



Red (15%)

Yellow (25%)

Blue (5%)

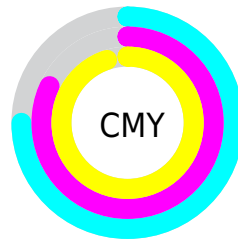


Cyan (0%)

Magenta (27%)

Yellow (80%)

Black (75%)



Cyan (75%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4206349 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 4206349 by changing the saturation by 10% instead.

■ 4206349

■ 4206349

■ 16777199

■ 2693632

■ 7494969

■ 851968

■ 9205072

■ 0

■ 10981224

■ 12822914

■ 14664860

■ 16572599

■ 16776659

■ 4206349

■ 4206349

■ 4205831

■ 4206867

■ 4205312

■ 4207386

■ 4207904

■ 4208679

■ 4209197

■ 4209715

■ 4210234

■ 4210752

■ 4211271

Harmonies

Analogous

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



4990998



4206349



3093775

Triad

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



4206349



14910



4401224

Complementary

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



4206349



859712

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.



2764627



4206349



14669

Square

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



4206349



14892



13653



5251896

Rectangle

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



4206349



2242326



13653



3942988

Sweetspot

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



4206349



5524800



4197662



2828063



11250603



2829099

Same Dimension

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



4206349



5519619



3686413



2170910



6373632



14718464

Inverse Universe

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



859712



204372



1379648



1974049



8289



19424

Previews

White Background



This preview shows how the Decimal color 4206349 looks on a white background.

Color Contrast Check

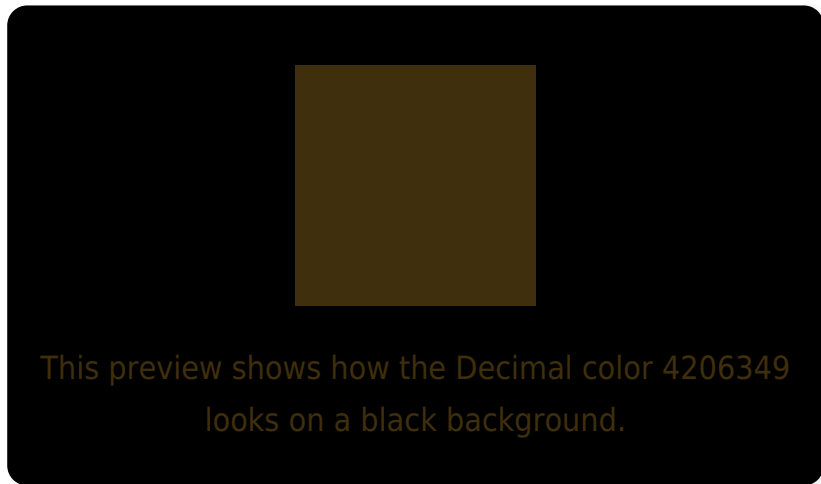
Large Text (above 18pt) WCAG AA ✓ Pass

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

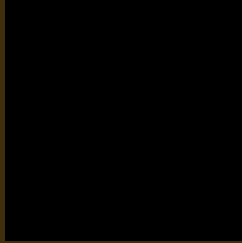
Any Text WCAG AA × Fail

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 4206349 Background



This preview shows how black text looks on a background with the Decimal color 4206349.

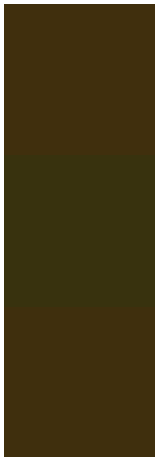


This preview shows how white text looks on a background with the Decimal color 4206349.

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](#).

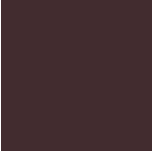
Dichromacy



Original Color
4206349

Protanopia
3682830

Deuteranopia
4140813



Tritanopia
4336687

Trichromacy



Original Color
4206349

Protanomaly
3879182

Deuteranomaly
4140813

Tritanomaly
4271395

Monochromacy



Original Color
4206349

Achromatopsia
3158064

Achromatomaly
3551267

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4206349 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 #402F0D looks like.

```
.text, #text, p{  
    color:#402F0D  
}
```

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 #402F0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402F0D
}
```

Border

The CSS property to change the border of an element to Decimal 4206349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

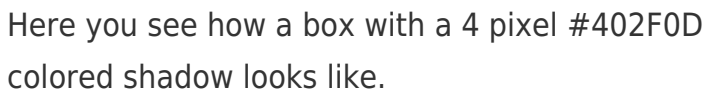
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402F0D }
```

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

```
.border{ border-color:#402F0D }
```

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



Here you see how a box with a 4 pixel #402F0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402F0D; -webkit-box-shadow:4px 4px  
4px 4px #402F0D; box-shadow:4px 4px 4px  
4px #402F0D }
```

Background

The CSS property to change the background color of an element to Decimal 4206349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402F0D }
```

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

```
.background{ background-color:#402F0D }
```

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