

# Converting Colors

Decimal(4602379)

Have a look what the booklet for  
Decimal(4602379) contains.

<b>Decimal(4602379)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(4602379)**

# Conversions

## Conversions Part 1

Format	Color
Hex	463A0B
RGB	70, 58, 11
RGB Percent	27%, 23%, 4%
CMY	0.7255, 0.7725, 0.9569
CMYK	0.00, 0.17, 0.84, 0.73
HSL	48°, 73%, 16%
HSV	48°, 84%, 27%
XYZ	4.0992, 4.3524, 0.9406
YIQ	56.2300, 22.2390, -12.0730

# Conversions

## Conversions Part 2

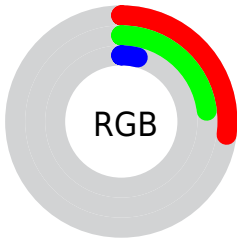
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 70, 11
Decimal	4602379
CIE Lab	24.80, -0.53, 29.31
CIE LCh	25, 29.315, 91.043
Yxy	4.3524, 0.4364, 0.4634
Android (android.graphics.Color)	4282792459 (0xFF463A0B)
YUV	56.2300, -22.2984, 12.0763
Hunter-Lab	20.8623, -1.4355, 11.9303

# Details

The Decimal color **4602379** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **726854**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **7956792**, and **1445888** is the 20% darker color. If you saturate the color by 10%, you get **4602116**, and if you desaturate by 10%, it is **4602642**.

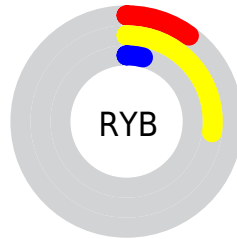
# Distribution



Red (27%)

Green (23%)

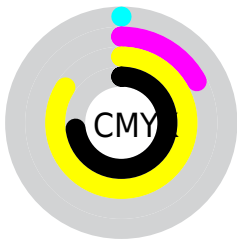
Blue (4%)



Red (10%)

Yellow (27%)

Blue (4%)

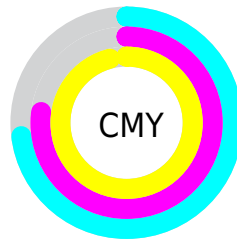


Cyan (0%)

Magenta (17%)

Yellow (84%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4602379 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 4602379 by changing the saturation by 10% instead.



4602379

4602379

16777200

3089664

7956792

1445888

9667152

0

11508841

13350786

15192732

16772792

16777171

4602379

4602379

■ 4602116

■ 4602642

■ 4601856

■ 4603161

■ 4603424

■ 4603943

■ 4604206

■ 4604725

■ 4604988

■ 4605251

■ 4605770

# Harmonies

## Analogous

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



5714452



4602379



3162130

# Triad

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



4602379



17745



5647441

# Complementary

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



4602379



726854

# 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.



3945825



4602379



17249

# Square

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



4602379



17979



277863



6432571

# Rectangle

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



4602379



1917726



277863



5189207



# Sweetspot

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



4602379



6051653



4590360



3025696



11382189



3026478



# Same Dimension

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



4602379



6048000



3491339



2368288



6508288



14923008



# Inverse Universe

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



726854



4956



1837894



2105636



5219

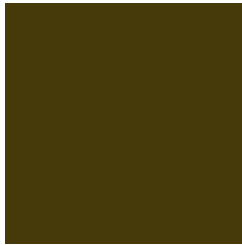


12003



# Previews

## White Background



This preview shows how the Decimal color 4602379 looks on a white background.

## Color Contrast Check

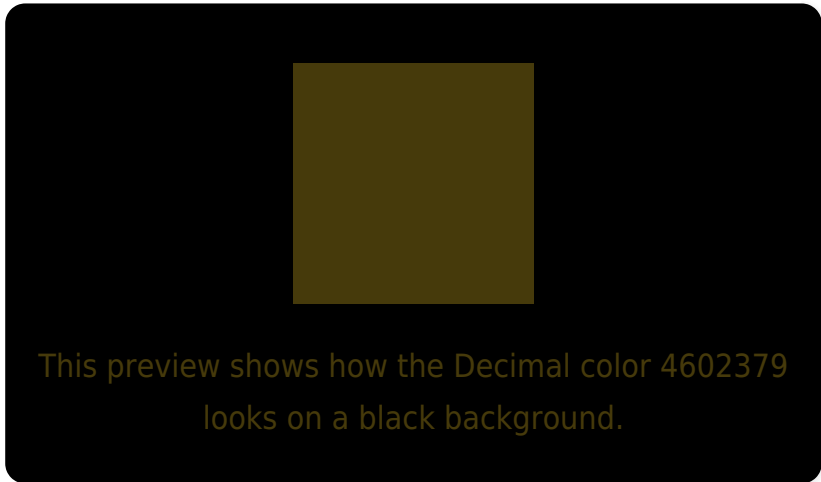
Large Text (above 18pt) WCAG AA ✓ Pass

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

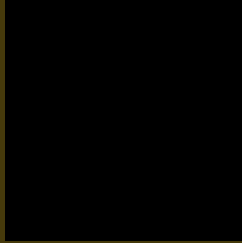
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4602379 Background



This preview shows how black text looks on a background with the Decimal color 4602379.



This preview shows how white text looks on a background with the Decimal color 4602379.

# 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**  
4602379

**Protanopia**  
4406027

**Deuteranopia**  
4929548



**Tritanopia**  
4798010

# Trichromacy



**Original Color**  
4602379

**Protanomaly**  
4471563

**Deuteranomaly**  
4798732

**Tritanomaly**  
4732713

# Monochromacy



**Original Color**  
4602379

**Achromatopsia**  
3684408

**Achromatomaly**  
4012328

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4602379 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 #463A0B looks like.

```
.text, #text, p{  
    color:#463A0B  
}
```

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 #463A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463A0B
}
```

## Border

The CSS property to change the border of an element to Decimal 4602379 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".

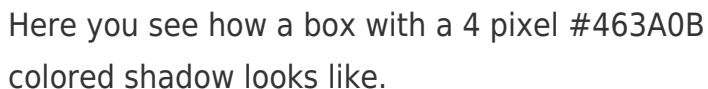
```
.border, #border, table{ border:4px solid
#463A0B }
```

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

```
.border{ border-color:#463A0B }
```

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

Here you see how a box with a 4 pixel #463A0B colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #463A0B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463A0B; -webkit-box-shadow:4px 4px  
4px 4px #463A0B; box-shadow:4px 4px 4px  
4px #463A0B }
```

# Background

The CSS property to change the background color of an element to Decimal 4602379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463A0B }
```

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

```
.background{ background-color:#463A0B }
```

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