

# Converting Colors

Decimal(4261387)

Have a look what the booklet for  
Decimal(4261387) contains.

<b>Decimal(4261387)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(4261387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41060B
RGB	65, 6, 11
RGB Percent	25%, 2%, 4%
CMY	0.7451, 0.9765, 0.9569
CMYK	0.00, 0.91, 0.83, 0.75
HSL	355°, 83%, 14%
HSV	355°, 91%, 25%
XYZ	2.3055, 1.2782, 0.4418
YIQ	24.2110, 33.5590, 14.0630

# Conversions

## Conversions Part 2

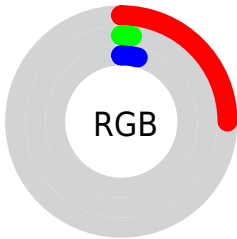
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">65, 6, 11</a>
Decimal	<a href="#">4261387</a>
CIELab	<a href="#">11.12, 27.83, 12.86</a>
CIELCh	<a href="#">11, 30.656, 24.796</a>
Yxy	<a href="#">1.2782, 0.5727, 0.3175</a>
Android (android.graphics.Color)	<a href="#">4282451467</a> ( <a href="#">0xFF41060B</a> )
YUV	<a href="#">24.2110, -6.5130, 35.7720</a>
Hunter-Lab	<a href="#">11.3059, 16.6146, 5.5971</a>

# Details

The Decimal color **4261387** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **409916**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **7681591**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4259846**, and if you desaturate by 10%, it is **4262929**.

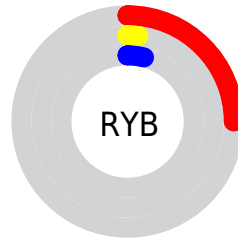
# Distribution



Red (25%)

Green (2%)

Blue (4%)



Red (25%)

Yellow (2%)

Blue (4%)

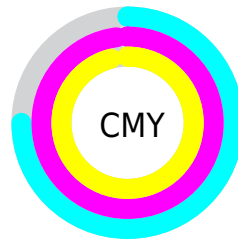


Cyan (0%)

Magenta (91%)

Yellow (83%)

Black (75%)



Cyan (75%)

Magenta (98%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4261387 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 4261387 by changing the saturation by 10% instead.





4261387



4261387



16772842



2818049



7681591



0



9457229



11298661



13205630



15113112



16758451



16765646



4261387



4261387

■ 4259846

■ 4262929

■ 4264727

■ 4266269

■ 4268067

■ 4269609

■ 4271407

■ 4272949

■ 4274747

■ 4276289

# Harmonies

## Analogous

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



4195106



4261387



3740160

# Triad

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



4261387



9472



8776

# Complementary

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



4261387



409916

# 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.



9536



4261387



10009

# Square

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



4261387



1450496



10031



1186372

# Rectangle

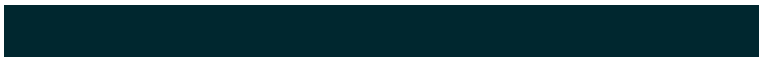
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4261387



3086592



10031



9030



# Sweetspot

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



4261387



5520703



3868225



2825503



11250603



2829099



# Same Dimension

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



4261387



5505031



4267526



2170398



6357000



14680083



# Inverse Universe

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



4261387



5505031



403777



2170398



6357000

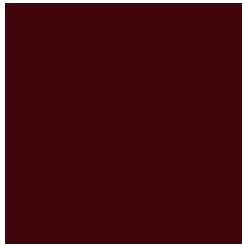


14680083



# Previews

## White Background



This preview shows how the Decimal color 4261387 looks on a white background.

## Color Contrast Check

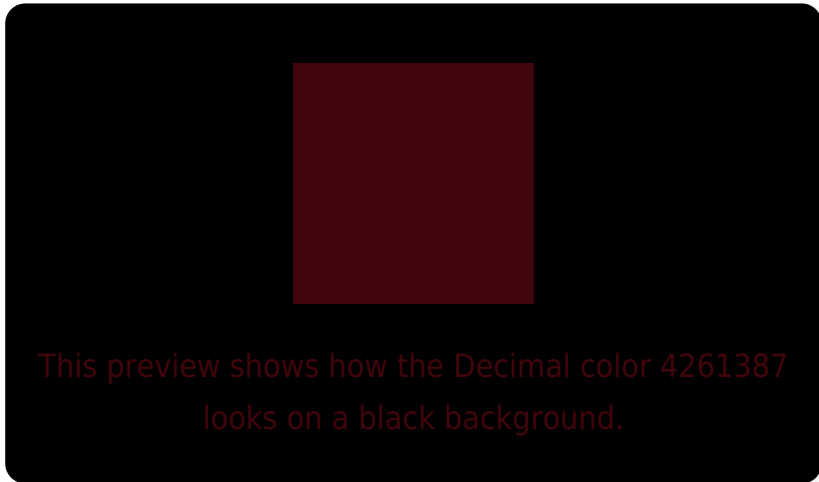
Large Text (above 18pt) WCAG AA ✓ Pass

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

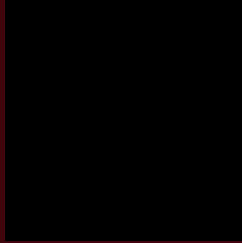
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4261387 Background



This preview shows how black text looks on a background with the Decimal color 4261387.

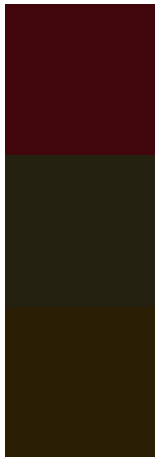


This preview shows how white text looks on a background with the Decimal color 4261387.

# 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](#).

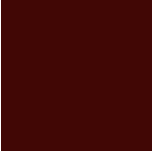
## Dichromacy



**Original Color**  
4261387

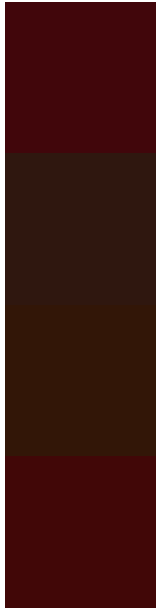
**Protanopia**  
2433297

**Deuteranopia**  
2760452



**Tritanopia**  
4261637

# Trichromacy



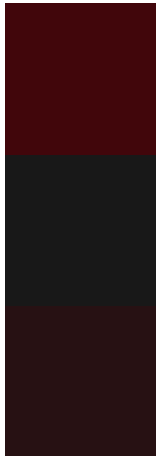
**Original Color**  
4261387

**Protanomaly**  
3086095

**Deuteranomaly**  
3282439

**Tritanomaly**  
4261639

# Monochromacy



**Original Color**  
4261387

**Achromatopsia**  
1579032

**Achromatomaly**  
2560275

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4261387 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 #41060B looks like.

```
.text, #text, p{  
    color:#41060B  
}
```

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 #41060B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41060B
}
```

## Border

The CSS property to change the border of an element to Decimal 4261387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

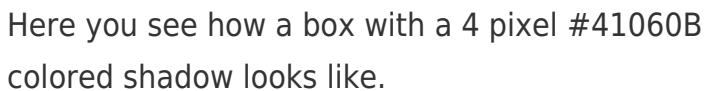
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41060B }
```

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

```
.border{ border-color:#41060B }
```

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



Here you see how a box with a 4 pixel #41060B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41060B; -webkit-box-shadow:4px 4px  
4px 4px #41060B; box-shadow:4px 4px 4px  
4px #41060B }
```

# Background

The CSS property to change the background color of an element to Decimal 4261387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41060B }
```

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

```
.background{ background-color:#41060B }
```

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