

# Converting Colors

Decimal(4133632)

Have a look what the booklet for  
Decimal(4133632) contains.

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# Color

**Decimal(4133632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F1300
RGB	63, 19, 0
RGB Percent	25%, 7%, 0%
CMY	0.7529, 0.9255, 1.0000
CMYK	0.00, 0.70, 1.00, 0.75
HSL	18°, 100%, 12%
HSV	18°, 100%, 25%
XYZ	2.2828, 1.5225, 0.1736
YIQ	29.9900, 32.3230, 3.4190

# Conversions

## Conversions Part 2

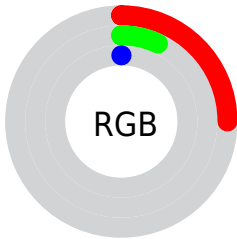
Format	Color
<a href="#">RYB</a>	<a href="#">63, 27, 0</a>
Decimal	<a href="#">4133632</a>
CIELab	<a href="#">12.75, 20.34, 19.50</a>
CIELCh	<a href="#">13, 28.175, 43.800</a>
Yxy	<a href="#">1.5225, 0.5737, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4282323712 (0xFF3F1300)</a>
YUV	<a href="#">29.9900, -14.7851, 28.9498</a>
Hunter-Lab	<a href="#">12.3390, 11.4301, 7.8033</a>

# Details

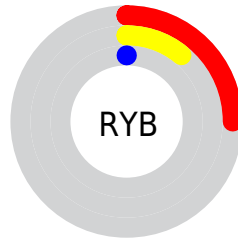
The Decimal color **4133632** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **11327**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **7487535**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4133632**, and if you desaturate by 10%, it is **4134662**.

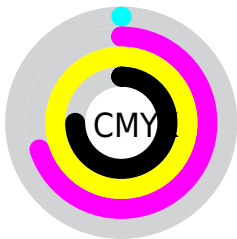
# Distribution



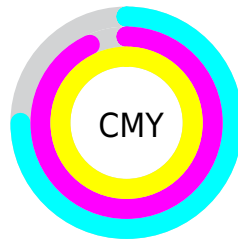
- Red (25%)
- Green (7%)
- Blue (0%)



- Red (25%)
- Yellow (11%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (75%)



- Cyan (75%)
- Magenta (93%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4133632 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 4133632 by changing the saturation by 10% instead.



 4133632

 4133632


 16775394

 2621440

 7487535

 0

 9262918

 11104350

 12946038

 14853264

 16760747

 16767942

 4133632

■ 4134662

■ 4135949

■ 4136979

■ 4138265

■ 4139296

■ 4140326

■ 4141612

■ 4142642

■ 4143929

# Harmonies

## Analogous

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



4393753



4133632



3349504

# Triad

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



4133632



10517



139335

# Complementary

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



4133632



11327

# 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.



9799



4133632



10794

# Square

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



4133632



861952



10556



2955069

# Rectangle

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



4133632



2629888



10556



9032



# Sweetspot

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



4133632



5390649



4128812



2694938



11053224



2697513



# Same Dimension

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



4133632



5380352



4141568



2038812



6167552



14566144



# Inverse Universe

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



11327



14674



3391



1842719



16990

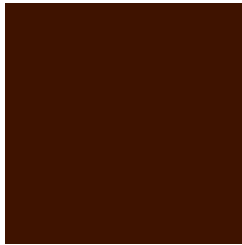


39902



# Previews

## White Background



This preview shows how the Decimal color 4133632 looks on a white background.

## Color Contrast Check

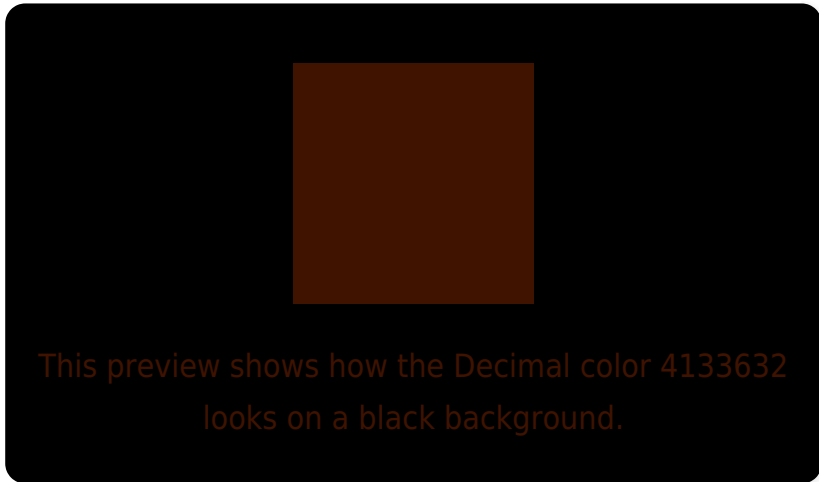
Large Text (above 18pt) WCAG AA ✓ Pass

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

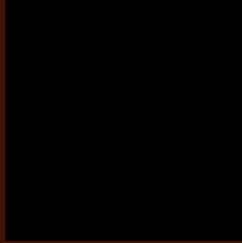
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4133632 Background



This preview shows how black text looks on a background with the Decimal color 4133632.

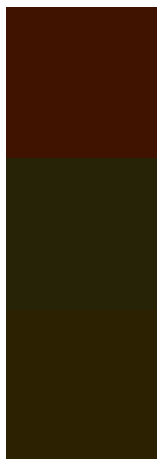


This preview shows how white text looks on a background with the Decimal color 4133632.

# 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](#).

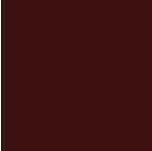
## Dichromacy



**Original Color**  
4133632

**Protanopia**  
2564871

**Deuteranopia**  
2892032



**Tritanopia**  
4133394

# Trichromacy



**Original Color**  
4133632

**Protanomaly**  
3153156

**Deuteranomaly**  
3349504

**Tritanomaly**  
4133387

# Monochromacy



**Original Color**  
4133632

**Achromatopsia**  
1973790

**Achromatomaly**  
2759187

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4133632 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 #3F1300 looks like.

```
.text, #text, p{  
    color:#3F1300  
}
```

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 #3F1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1300
}
```

## Border

The CSS property to change the border of an element to Decimal 4133632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

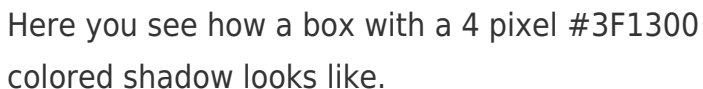
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F1300 }
```

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

```
.border{ border-color:#3F1300 }
```

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



Here you see how a box with a 4 pixel #3F1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1300; -webkit-box-shadow:4px 4px  
4px 4px #3F1300; box-shadow:4px 4px 4px  
4px #3F1300 }
```

# Background

The CSS property to change the background color of an element to Decimal 4133632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1300 }
```

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

```
.background{ background-color:#3F1300 }
```

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](#).



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