

# Converting Colors

Decimal(4460832)

Have a look what the booklet for  
Decimal(4460832) contains.

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**Color**

**Decimal(4460832)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 441120                    |
| RGB           | 68, 17, 32                |
| RGB Percent   | 27%, 7%, 13%              |
| CMY           | 0.7333, 0.9333, 0.8745    |
| CMYK          | 0.00, 0.75, 0.53, 0.73    |
| HSL           | 342°, 60%, 17%            |
| HSV           | 342°, 75%, 27%            |
| XYZ           | 2.8451, 1.7341, 1.5513    |
| YIQ           | 33.9590, 25.5810, 15.4770 |

# Conversions

## Conversions Part 2

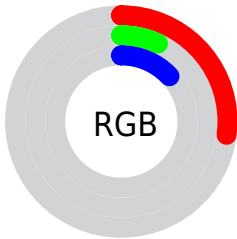
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">68, 17, 32</a>                    |
| Decimal                             | <a href="#">4460832</a>                       |
| CIELab                              | <a href="#">14.03, 25.83, 3.28</a>            |
| CIElCh                              | <a href="#">14, 26.035, 7.243</a>             |
| Yxy                                 | <a href="#">1.7341, 0.4641,<br/>0.2829</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4282650912<br/>(0xFF441120)</a>   |
| YUV                                 | <a href="#">33.9590, -0.9658,<br/>29.8540</a> |
| Hunter-Lab                          | <a href="#">13.1686, 15.5195,<br/>2.2337</a>  |

# Details

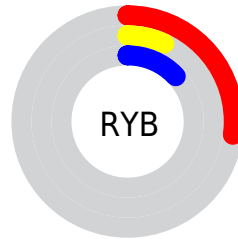
The Decimal color **4460832** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1131573**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **7814988**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4459035**, and if you desaturate by 10%, it is **4462629**.

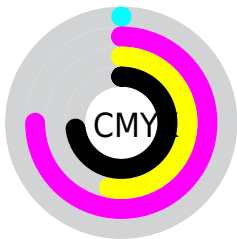
# Distribution



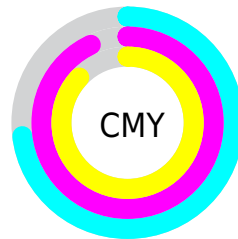
- Red (27%)
- Green (7%)
- Blue (13%)



- Red (27%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (75%)
- Yellow (53%)
- Black (73%)



- Cyan (73%)
- Magenta (93%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4460832 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 4460832 by changing the saturation by 10% instead.



 4460832

 4460832

 16775679

 2949128


 7814988

 0

 9590628

 11366524

 13208214

 15115697

 16761036

 16768232

 4460832

 4460832

■ 4459035

■ 4462629

■ 4457238

■ 4464426

■ 4456468

■ 4465966

■ 4467763

■ 4469560

■ 4471357

■ 4473154

■ 4474694

■ 4476491

# Harmonies

## Analogous

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



4003122



4460832



4331021

# Triad

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



4460832



1517824



10565

# Complementary

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



4460832



1131573

# 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.



11321



4460832



11029

# Square

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



4460832



2761728



11304



9288

# Rectangle

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



4460832



3939072



11304



10818



# Sweetspot

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



4460832



5850443



3477828



3023141



11382189



3026478



# Same Dimension

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



4460832



5835041



4463377



2170399



6357020



14680130



# Inverse Universe

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



4460832



5835041



1129028



2170399



6357021

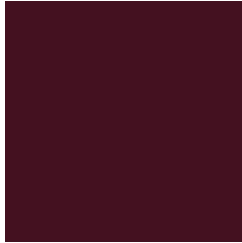


14680130



# Previews

## White Background



This preview shows how the Decimal color 4460832 looks on a white background.

## Color Contrast Check

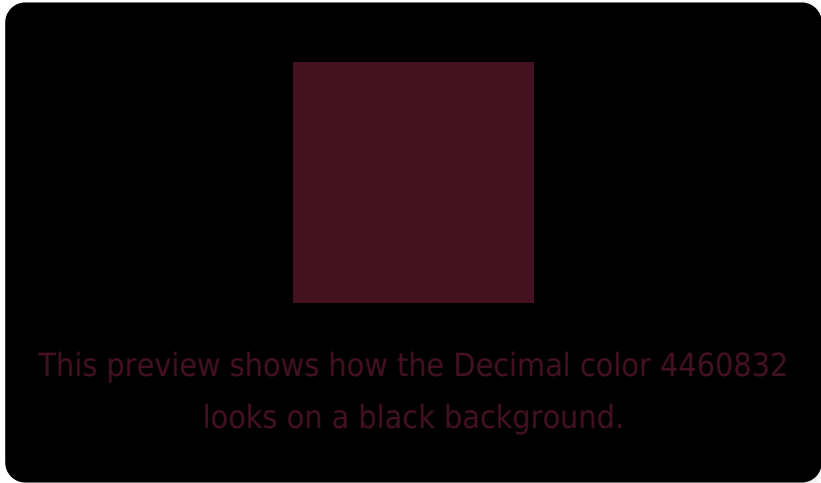
Large Text (above 18pt) WCAG AA ✓ Pass

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

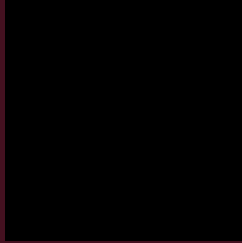
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4460832 Background



This preview shows how black text looks on a background with the Decimal color 4460832.



This preview shows how white text looks on a background with the Decimal color 4460832.

# 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**  
4460832

**Protanopia**  
2434346

**Deuteranopia**  
2892830



**Tritanopia**  
4396053

# Trichromacy



**Original Color**

4460832

**Protanomaly**

3153446

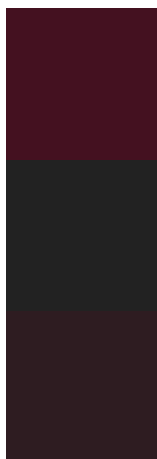
**Deuteranomaly**

3480863

**Tritanomaly**

4395801

# Monochromacy



**Original Color**

4460832

**Achromatopsia**

2236962

**Achromatomaly**

3021857

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4460832 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 #441120 looks like.

```
.text, #text, p{  
    color:#441120  
}
```

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 #441120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #441120
}
```

## Border

The CSS property to change the border of an element to Decimal 4460832 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
#441120 }
```

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

```
.border{ border-color:#441120 }
```

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

Here you see how a box with a 4 pixel #441120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #441120; -webkit-box-shadow:4px 4px  
4px 4px #441120; box-shadow:4px 4px 4px  
4px #441120 }
```

# Background

The CSS property to change the background color of an element to Decimal 4460832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#441120 }
```

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

```
.background{ background-color:#441120 }
```

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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