

# Converting Colors

Decimal(4465717)

Have a look what the booklet for  
Decimal(4465717) contains.

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**Color**

**Decimal(4465717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	442435
RGB	68, 36, 53
RGB Percent	27%, 14%, 21%
CMY	0.7333, 0.8588, 0.7922
CMYK	0.00, 0.47, 0.22, 0.73
HSL	328°, 31%, 20%
HSV	328°, 47%, 27%
XYZ	3.6574, 2.7477, 3.7058
YIQ	47.5060, 13.6150, 12.0710

# Conversions

## Conversions Part 2

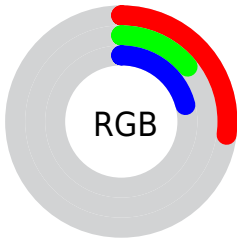
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 36, 53
Decimal	4465717
CIE <sub>Lab</sub>	19.00, 17.92, -4.46
CIE <sub>LCh</sub>	19, 18.471, 346.020
Yxy	2.7477, 0.3617, 0.2718
Android (android.graphics.Color)	4282655797 (0xFF442435)
YUV	47.5060, 2.7085, 17.9732
Hunter-Lab	16.5763, 10.3755, -1.6513

# Details

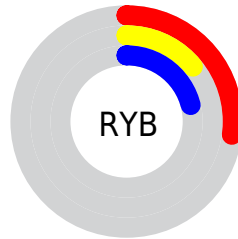
The Decimal color **4465717** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2376755**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **7688804**, and **1638407** is the 20% darker color. If you saturate the color by 10%, you get **4463922**, and if you desaturate by 10%, it is **4467512**.

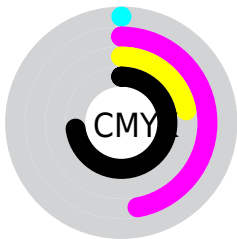
# Distribution



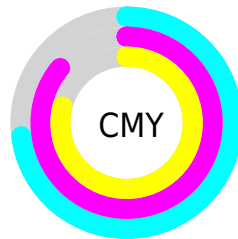
- Red (27%)
- Green (14%)
- Blue (21%)



- Red (27%)
- Yellow (14%)
- Blue (21%)



- Cyan (0%)
- Magenta (47%)
- Yellow (22%)
- Black (73%)



- Cyan (73%)
- Magenta (86%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4465717 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 4465717 by changing the saturation by 10% instead.





4465717



4465717

16777215



2952992



7688804



1638407



9398908



0



11174806



12950961



14792908



16700649



16773631



4465717



4465717

■ 4463922

■ 4467512

■ 4462127

■ 4469307

■ 4460587

■ 4470847

■ 4458792

■ 4472642

■ 4456997

■ 4474437

■ 4456484

■ 4476232

■ 4478027

■ 4479567

■ 4481362

# Harmonies

## Analogous

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



3680321



4465717



4727591

# Triad

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



4465717



3092500



13377

# Complementary

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



4465717



2376755

# 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.



13621



4465717



2110235

# Square

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



4465717



3943188



800039



536904

# Rectangle

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



4465717



4597023



800039



13629



# Sweetspot

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



4465717



5852499



3351620



3024426



11382189



3026478



# Same Dimension

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



4465717



5842754



4465701



2170400



6357043



14680183



# Inverse Universe

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



4465717



5842754



2376771



2170400



6357043

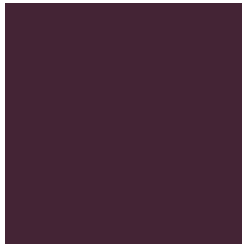


14680183



# Previews

## White Background



This preview shows how the Decimal color 4465717 looks on a white background.

## Color Contrast Check

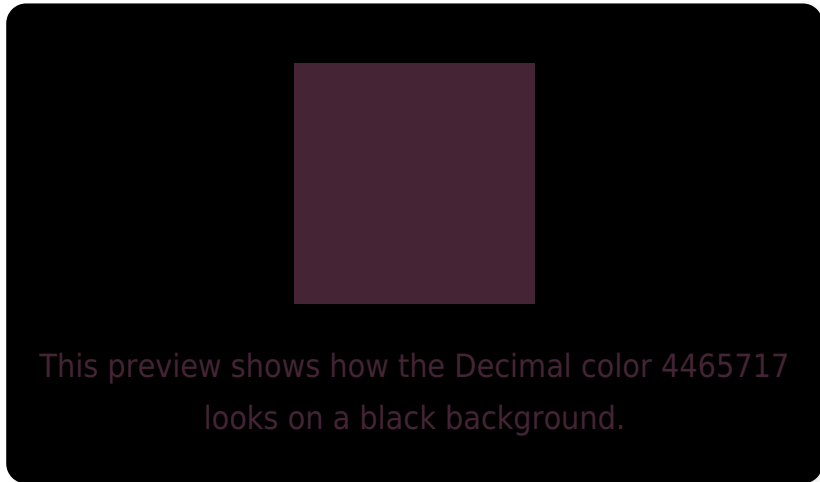
Large Text (above 18pt) WCAG AA ✓ Pass

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

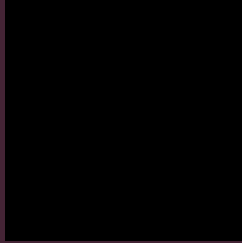
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4465717 Background



This preview shows how black text looks on a background with the Decimal color 4465717.



This preview shows how white text looks on a background with the Decimal color 4465717.

# 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**

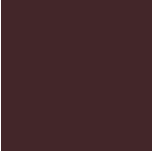
4465717

**Protanopia**

2829884

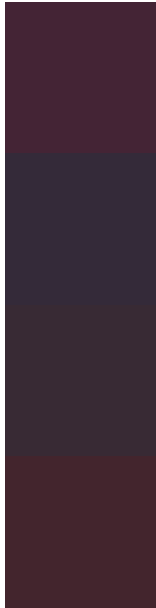
**Deuteranopia**

3222835



**Tritanopia**  
4400681

# Trichromacy



**Original Color**

4465717

**Protanomaly**

3418681

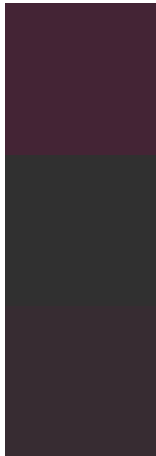
**Deuteranomaly**

3680820

**Tritanomaly**

4400429

# Monochromacy



**Original Color**

4465717

**Achromatopsia**

3158064

**Achromatomaly**

3615794

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4465717 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 #442435 looks like.

```
.text, #text, p{  
    color:#442435  
}
```

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 #442435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442435
}
```

## Border

The CSS property to change the border of an element to Decimal 4465717 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".

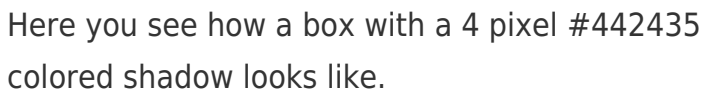
```
.border, #border, table{ border:4px solid
#442435 }
```

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

```
.border{ border-color:#442435 }
```

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

Here you see how a box with a 4 pixel #442435 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442435; -webkit-box-shadow:4px 4px  
4px 4px #442435; box-shadow:4px 4px 4px  
4px #442435 }
```

# Background

The CSS property to change the background color of an element to Decimal 4465717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442435 }
```

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

```
.background{ background-color:#442435 }
```

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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