

# Converting Colors

Decimal(4993086)

Have a look what the booklet for  
Decimal(4993086) contains.

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**Color**

**Decimal(4993086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C303E
RGB	76, 48, 62
RGB Percent	30%, 19%, 24%
CMY	0.7020, 0.8118, 0.7569
CMYK	0.00, 0.37, 0.18, 0.70
HSL	330°, 23%, 24%
HSV	330°, 37%, 30%
XYZ	4.9069, 3.9982, 5.0705
YIQ	57.9680, 12.1940, 10.2900

# Conversions

## Conversions Part 2

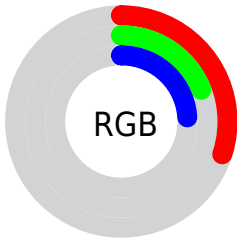
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 48, 62
Decimal	4993086
CIELab	23.67, 15.21, -3.57
CIElCh	24, 15.618, 346.801
Yxy	3.9982, 0.3511, 0.2861
Android (android.graphics.Color)	4283183166 (0xFF4C303E)
YUV	57.9680, 1.9878, 15.8141
Hunter-Lab	19.9955, 8.8122, -1.0381




# Details

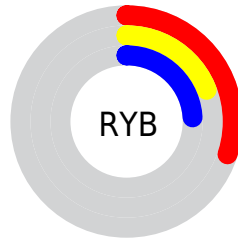
The Decimal color **4993086** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3165246**, and the grayscale version is **3815994**.




A 20% lighter version of the original color is **8281965**, and **2163220** is the 20% darker color. If you saturate the color by 10%, you get **4991034**, and if you desaturate by 10%, it is **4995138**.

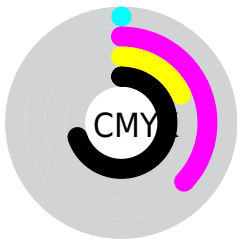
# Distribution







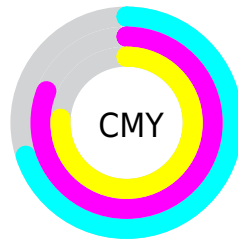
-  Red (30%)
-  Green (19%)
-  Blue (24%)






-  Red (30%)
-  Yellow (19%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (18%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (81%)
-  Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4993086 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 4993086 by changing the saturation by 10% instead.





4993086



4993086

16777215



3480360



8281965



2163220



9992071



0



11768225



13544636



15452120



16770036



4993086



4993086



4991034



4995138

■ 4989238

■ 4996934

■ 4987187

■ 4998985

■ 4985391

■ 5000781

■ 4983339

■ 5002833

■ 4981287

■ 5004885

■ 4980774

■ 5006681

■ 5008732

■ 5010528

# Harmonies

## Analogous

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



4338504



4993086



5255218

# Triad

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



4993086



3815970



1130057

# Complementary

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



4993086



3165246

# 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.



1195839



4993086



2899240

# Square

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



4993086



4535842



1982003



2112335

# Rectangle

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



4993086



5124395



1982003



998982



# Sweetspot

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



4993086



6510942



4075596



3353648



11776947



3355443



# Same Dimension

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



4993086



6502478



4993072



2499108



6684723



15073395



# Inverse Universe

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



4993086



6502478



3165260



2499108



6684723

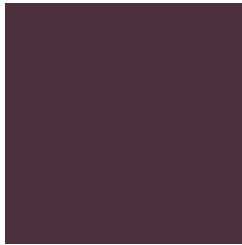


15073395



# Previews

## White Background



This preview shows how the Decimal color 4993086 looks on a white background.

## Color Contrast Check

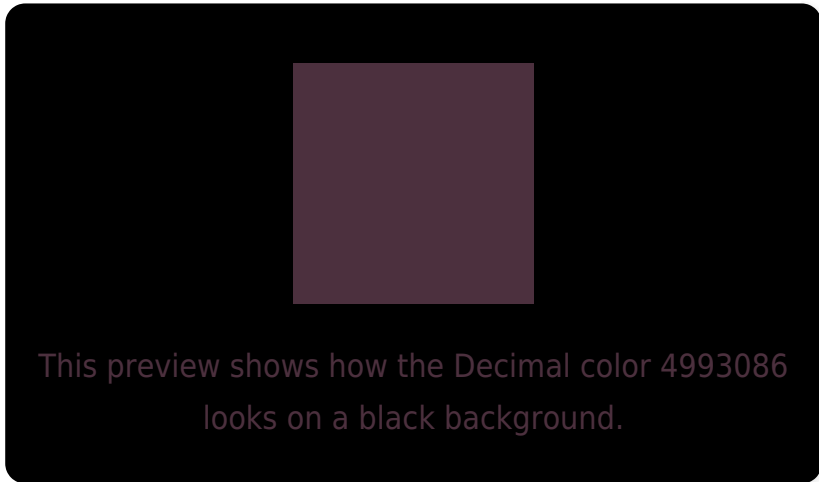
Large Text (above 18pt) WCAG AA ✓ Pass

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

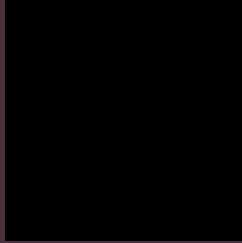
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4993086 Background



This preview shows how black text looks on a background with the Decimal color 4993086.



This preview shows how white text looks on a background with the Decimal color 4993086.

# 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**  
4993086

**Protanopia**  
3553347

**Deuteranopia**  
3946301



**Tritanopia**  
4928053

# Trichromacy



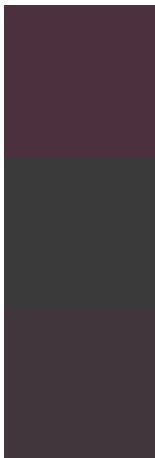
**Original Color**  
4993086

**Protanomaly**  
4076865

**Deuteranomaly**  
4338749

**Tritanomaly**  
4927800

# Monochromacy



**Original Color**  
4993086

**Achromatopsia**  
3815994

**Achromatomaly**  
4273723

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4993086 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 #4C303E looks like.

```
.text, #text, p{  
    color:#4C303E  
}
```

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 #4C303E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C303E
}
```

## Border

The CSS property to change the border of an element to Decimal 4993086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

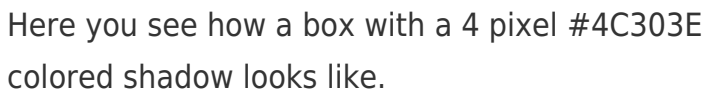
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C303E }
```

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

```
.border{ border-color:#4C303E }
```

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



Here you see how a box with a 4 pixel #4C303E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C303E; -webkit-box-shadow:4px 4px  
4px 4px #4C303E; box-shadow:4px 4px 4px  
4px #4C303E }
```

# Background

The CSS property to change the background color of an element to Decimal 4993086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C303E }
```

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

```
.background{ background-color:#4C303E }
```

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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