

# Converting Colors

Decimal(4998236)

Have a look what the booklet for  
Decimal(4998236) contains.

<b>Decimal(4998236)</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(4998236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C445C
RGB	76, 68, 92
RGB Percent	30%, 27%, 36%
CMY	0.7020, 0.7333, 0.6392
CMYK	0.17, 0.26, 0.00, 0.64
HSL	260°, 15%, 31%
HSV	260°, 26%, 36%
XYZ	6.9794, 6.4435, 11.0011
YIQ	73.1280, -2.9360, 9.1600

# Conversions

## Conversions Part 2

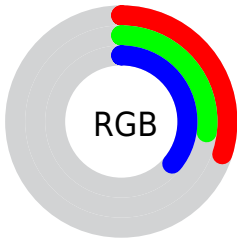
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 68, 92
Decimal	4998236
CIE Lab	30.50, 8.93, -12.97
CIE LCh	31, 15.745, 304.534
Yxy	6.4435, 0.2858, 0.2638
Android (android.graphics.Color)	4283188316 (0xFF4C445C)
YUV	73.1280, 9.3039, 2.5187
Hunter-Lab	25.3840, 4.6571, -7.9267

# Details

The Decimal color **4998236** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5528644**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **8221838**, and **2038062** is the 20% darker color. If you saturate the color by 10%, you get **4602716**, and if you desaturate by 10%, it is **5393756**.

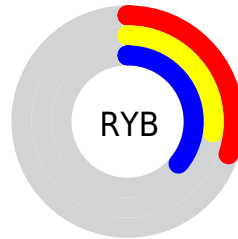
# Distribution



 Red (30%)

 Green (27%)

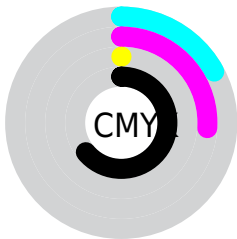
 Blue (36%)




 Red (30%)

 Yellow (27%)

 Blue (36%)

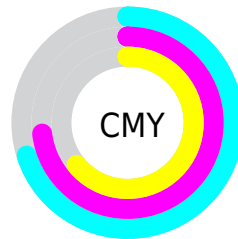


 Cyan (17%)

 Magenta (26%)

 Yellow (0%)

 Black (64%)



 Cyan (70%)

 Magenta (73%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4998236 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 4998236 by changing the saturation by 10% instead.





4998236



4998236

16777215



3485252



8221838



2038062



9932457



655386



11708612



0



13485024



15392765



16776447



4998236



4998236



4602716



5393756

■ 4207196

■ 5789276

■ 3811420

■ 6185052

■ 3350364

■ 6646108

■ 2954844

■ 7041628

■ 2559324

■ 7437148

■ 2163804

■ 7832668

■ 2031708

■ 8228444

■ 8623964

# Harmonies

## Analogous

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



3885152



4998236



5849171

# Triad

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



4998236



5849906



2510665

# Complementary

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



4998236



5528644

# 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.



3362365



4998236



5195823

# Square

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



4998236



6307898



4279091



2182741

# Rectangle

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



4998236



6176587



4279091



2772549



# Sweetspot

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



4998236



7433848



4478044



3749693



12434877



4013373



# Same Dimension

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



4998236



6247288



5784668



2828590



2424942



5177581



# Inverse Universe

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



6046804



7885675



4742212



3025196



7209033



15532190



# Previews

## White Background



This preview shows how the Decimal color 4998236 looks on a white background.

## Color Contrast Check

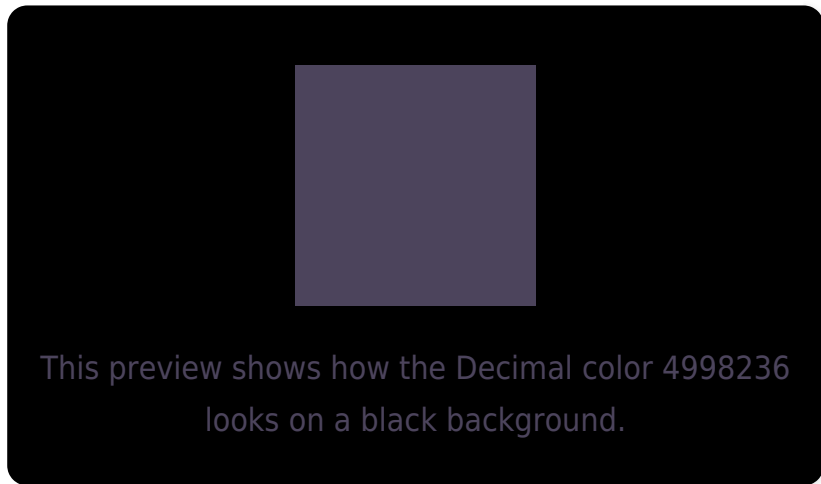
Large Text (above 18pt) WCAG AA ✓ Pass

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

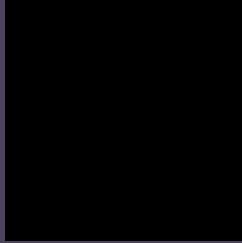
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4998236 Background



This preview shows how black text looks on a background with the Decimal color 4998236.



This preview shows how white text looks on a background with the Decimal color 4998236.

# 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**  
4998236

**Protanopia**  
4343646

**Deuteranopia**  
4540251



**Tritanopia**  
4802380

# Trichromacy



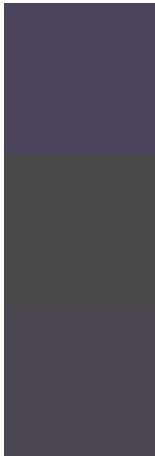
**Original Color**  
4998236

**Protanomaly**  
4605533

**Deuteranomaly**  
4736603

**Tritanomaly**  
4867666

# Monochromacy



**Original Color**  
4998236

**Achromatopsia**  
4802889

**Achromatomaly**  
4867920

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4998236 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 #4C445C looks like.

```
.text, #text, p{  
    color:#4C445C  
}
```

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 #4C445C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C445C
}
```

## Border

The CSS property to change the border of an element to Decimal 4998236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

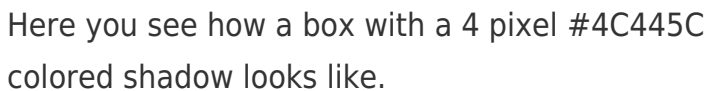
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C445C }
```

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

```
.border{ border-color:#4C445C }
```

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



Here you see how a box with a 4 pixel #4C445C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C445C; -webkit-box-shadow:4px 4px  
4px 4px #4C445C; box-shadow:4px 4px 4px  
4px #4C445C }
```

# Background

The CSS property to change the background color of an element to Decimal 4998236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C445C }
```

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

```
.background{ background-color:#4C445C }
```

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