

Converting Colors

Decimal(4993843)

Have a look what the booklet for
Decimal(4993843) contains.

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Color

Decimal(4993843)

Conversions

Conversions Part 1

Format	Color
Hex	4C3333
RGB	76, 51, 51
RGB Percent	30%, 20%, 20%
CMY	0.7020, 0.8000, 0.8000
CMYK	0.00, 0.33, 0.33, 0.70
HSL	0°, 20%, 25%
HSV	0°, 33%, 30%
XYZ	4.7619, 4.1432, 3.6807
YIQ	58.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

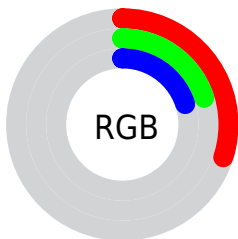
Format	Color
R_{YB}	76, 51, 51
Decimal	4993843
CIE _{Lab}	24.14, 11.31, 4.54
CIE _{LCh}	24, 12.187, 21.861
Yxy	4.1432, 0.3784, 0.3292
Android (android.graphics.Color)	4283183923 (0xFF4C3333)
YUV	58.4750, -3.6852, 15.3694
Hunter-Lab	20.3548, 6.1380, 3.5271

Details

The Decimal color **4993843** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3361868**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **8282721**, and **2164229** is the 20% darker color. If you saturate the color by 10%, you get **4991787**, and if you desaturate by 10%, it is **4995899**.

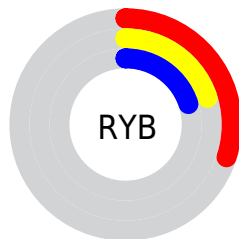
Distribution



Red (30%)

Green (20%)

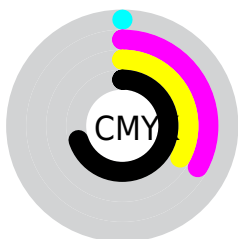
Blue (20%)



Red (30%)

Yellow (20%)

Blue (20%)

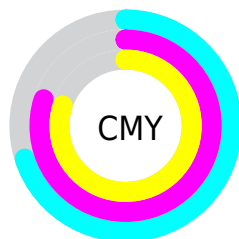


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (70%)



Cyan (70%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4993843 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 4993843 by changing the saturation by 10% instead.



4993843



4993843

16777215



3481118



8282721



2164229



9992826



0



11768980



13610926



15452874



16771046



4993843



4993843



4991787



4995899

■ 4989988

■ 4997698

■ 4987932

■ 4999754

■ 4986133

■ 5001553

■ 4984077

■ 5003609

■ 4982021

■ 5005665

■ 4980736

■ 5007464

■ 5009520

■ 5011319

Harmonies

Analogous

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



4862780



4993843



4797739

Triad

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



4993843



3095854



2833227

Complementary

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



4993843



3361868

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.



2112839



4993843



2440758

Square

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



4993843



3750696



1982016



3618890

Rectangle

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



4993843



4536104



1982016



2571339

Sweetspot

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



4993843



6511194



4993868



3353901



11776947



3355443

Same Dimension

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



4993843



6503741



4997171



2499106



6684672



15073280

Inverse Universe

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



3361868



4023139



3358796



2237990



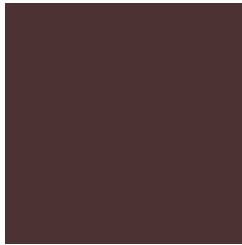
26214



59110

Previews

White Background



This preview shows how the Decimal color 4993843 looks on a white background.

Color Contrast Check

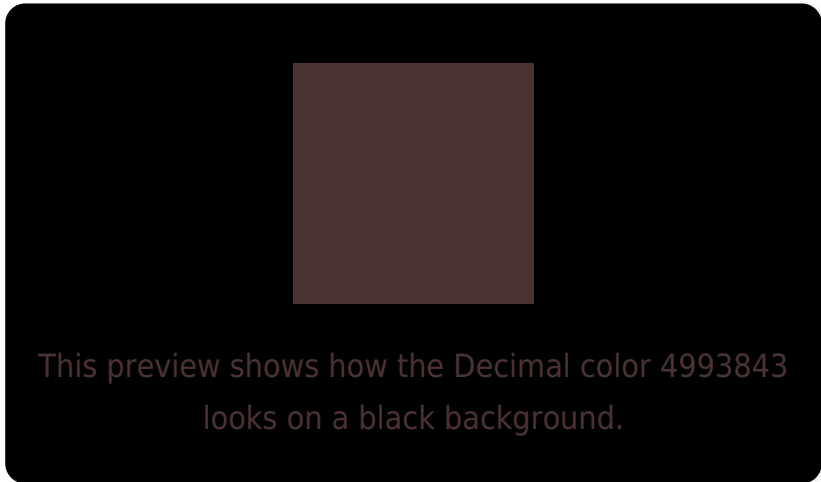
Large Text (above 18pt) WCAG AA ✓ Pass

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 4993843 Background



This preview shows how black text looks on a background with the Decimal color 4993843.

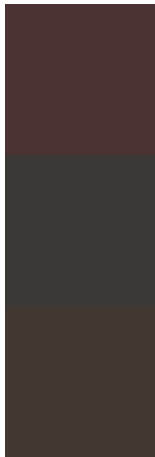


This preview shows how white text looks on a background with the Decimal color 4993843.

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](#).

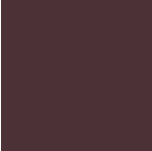
Dichromacy



Original Color
4993843

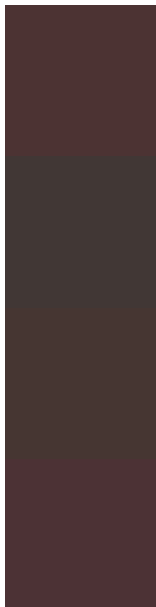
Protanopia
3881270

Deuteranopia
4339762



Tritanopia
4993590

Trichromacy



Original Color

4993843

Protanomaly

4273973

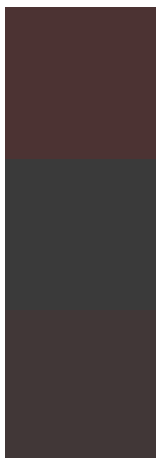
Deuteranomaly

4601394

Tritanomaly

4993589

Monochromacy



Original Color

4993843

Achromatopsia

3815994

Achromatomaly

4273975

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4993843 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 #4C3333 looks like.

```
.text, #text, p{  
    color:#4C3333  
}
```

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 #4C3333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3333
}
```

Border

The CSS property to change the border of an element to Decimal 4993843 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
#4C3333 }
```

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

```
.border{ border-color:#4C3333 }
```

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

Here you see how a box with a 4 pixel #4C3333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3333; -webkit-box-shadow:4px 4px  
4px 4px #4C3333; box-shadow:4px 4px 4px  
4px #4C3333 }
```

Background

The CSS property to change the background color of an element to Decimal 4993843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3333 }
```

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

```
.background{ background-color:#4C3333 }
```

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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