

Converting Colors

Decimal(4996912)

Have a look what the booklet for
Decimal(4996912) contains.

Decimal(4996912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4996912)

Conversions

Conversions Part 1

Format	Color
Hex	4C3F30
RGB	76, 63, 48
RGB Percent	30%, 25%, 19%
CMY	0.7020, 0.7529, 0.8118
CMYK	0.00, 0.17, 0.37, 0.70
HSL	32°, 23%, 24%
HSV	32°, 37%, 30%
XYZ	5.2915, 5.3049, 3.5414
YIQ	65.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

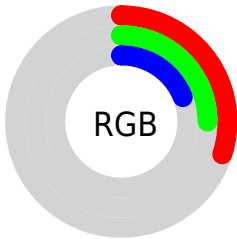
Format	Color
RYB	72, 76, 48
Decimal	4996912
CIELab	27.59, 3.05, 11.31
CIElCh	28, 11.711, 74.919
Yxy	5.3049, 0.3743, 0.3752
Android (android.graphics.Color)	4283186992 (0xFF4C3F30)
YUV	65.1770, -8.4683, 9.4918
Hunter-Lab	23.0324, 0.7022, 7.0065




Details

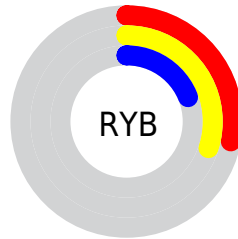
The Decimal color **4996912** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3161420**, and the grayscale version is **4276545**.




A 20% lighter version of the original color is **8220510**, and **2102528** is the 20% darker color. If you saturate the color by 10%, you get **4995880**, and if you desaturate by 10%, it is **4997944**.

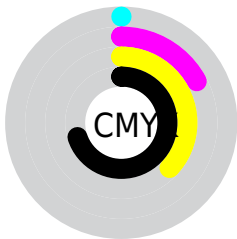
Distribution







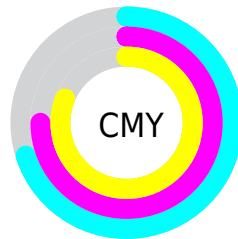
-  Red (30%)
-  Green (25%)
-  Blue (19%)






-  Red (28%)
-  Yellow (30%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (37%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (75%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4996912 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 4996912 by changing the saturation by 10% instead.



4996912



4996912

16777215



3483931



8220510



2102528



9996407



0



11707024



13548971



15391174



16774626



4996912



4996912



4995880



4997944

■ 4995105

■ 4998719

■ 4994073

■ 4999751

■ 4993298

■ 5000526

■ 4992266

■ 5001558

■ 4991490

■ 5002334

■ 4991232

■ 5003365

■ 5004141

■ 5005172

Harmonies

Analogous

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



5389365



4996912



4407856

Triad

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



4996912



2639429



4734286

Complementary

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



4996912



3161420

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.



4014162



4996912



2704717

Square

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



4996912



3098172



3228498



5258054

Rectangle

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



4996912



3949618



3228498



4537936

Sweetspot

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



4996912



6512217



4993085



3354668



11776947



3355443

Same Dimension

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



4996912



6508344



4934704



2499618



6698752



15104768

Inverse Universe

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



3161420



3689571



3223628



2237478



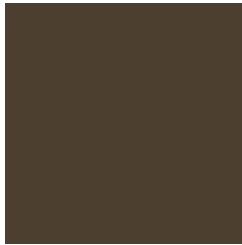
12134



27622

Previews

White Background



This preview shows how the Decimal color 4996912 looks on a white background.

Color Contrast Check

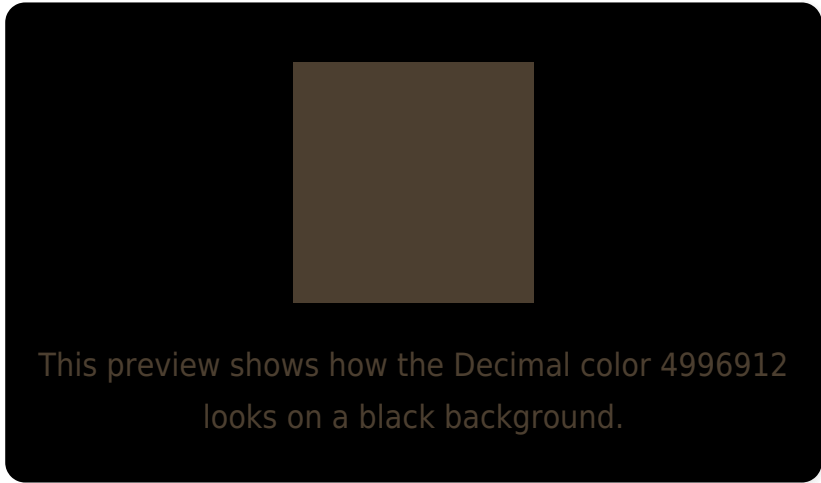
Large Text (above 18pt) WCAG AA ✓ Pass

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

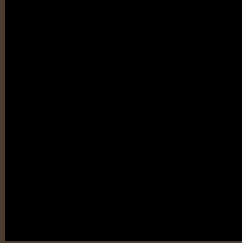
Any Text WCAG AA × Fail

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 4996912 Background



This preview shows how black text looks on a background with the Decimal color 4996912.

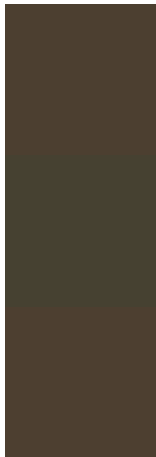


This preview shows how white text looks on a background with the Decimal color 4996912.

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
4996912

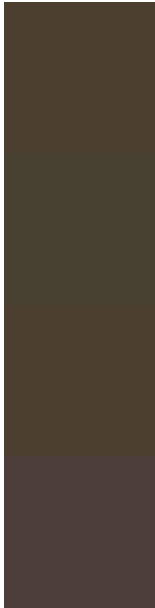
Protanopia
4604209

Deuteranopia
5062448



Tritanopia
5127489

Trichromacy



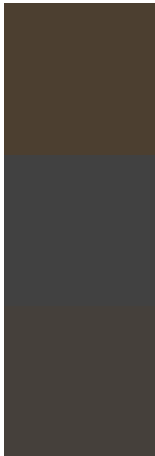
Original Color
4996912

Protanomaly
4735025

Deuteranomaly
5062448

Tritanomaly
5062203

Monochromacy



Original Color
4996912

Achromatopsia
4276545

Achromatomaly
4538427

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4996912 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 #4C3F30 looks like.

```
.text, #text, p{  
    color:#4C3F30  
}
```

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 #4C3F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3F30
}
```

Border

The CSS property to change the border of an element to Decimal 4996912 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
#4C3F30 }
```

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

```
.border{ border-color:#4C3F30 }
```

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

Here you see how a box with a 4 pixel #4C3F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3F30; -webkit-box-shadow:4px 4px  
4px 4px #4C3F30; box-shadow:4px 4px 4px  
4px #4C3F30 }
```

Background

The CSS property to change the background color of an element to Decimal 4996912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3F30 }
```

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

```
.background{ background-color:#4C3F30 }
```

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