

# Converting Colors

Decimal(4996612)

Have a look what the booklet for  
Decimal(4996612) contains.

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**Color**

**Decimal(4996612)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C3E04
RGB	76, 62, 4
RGB Percent	30%, 24%, 2%
CMY	0.7020, 0.7569, 0.9843
CMYK	0.00, 0.18, 0.95, 0.70
HSL	48°, 90%, 16%
HSV	48°, 95%, 30%
XYZ	4.7250, 4.9905, 0.8291
YIQ	59.5740, 26.9620, -15.0700

# Conversions

## Conversions Part 2

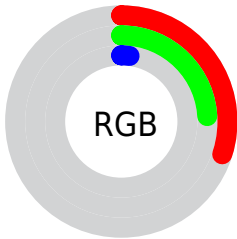
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">21, 76, 4</a>
Decimal	<a href="#">4996612</a>
CIELab	<a href="#">26.71, -0.24, 34.19</a>
CIELCh	<a href="#">27, 34.190, 90.397</a>
Yxy	<a href="#">4.9905, 0.4481, 0.4733</a>
Android (android.graphics.Color)	<a href="#">4283186692 (0xFF4C3E04)</a>
YUV	<a href="#">59.5740, -27.3980, 14.4056</a>
Hunter-Lab	<a href="#">22.3395, -1.3394, 13.4372</a>

# Details

The Decimal color **4996612** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **266828**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **8416564**, and **1774592** is the 20% darker color. If you saturate the color by 10%, you get **4996352**, and if you desaturate by 10%, it is **4996876**.

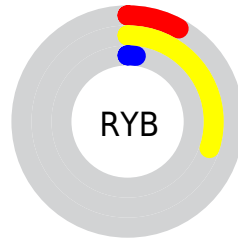
# Distribution



Red (30%)

Green (24%)

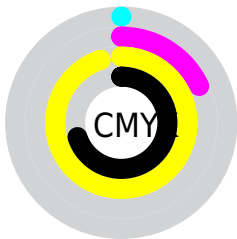
Blue (2%)



Red (8%)

Yellow (30%)

Blue (2%)

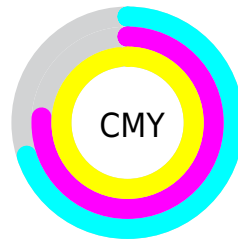


Cyan (0%)

Magenta (18%)

Yellow (95%)

Black (70%)



Cyan (70%)

Magenta (76%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4996612 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 4996612 by changing the saturation by 10% instead.





4996612



4996612



16777195



3418112



8416564



1774592



10192460



0



11968868



13876094



15783832



16774067



16777167



4996612



4996612

■ 4996352

■ 4996876

■ 4997395

■ 4997659

■ 4998178

■ 4998442

■ 4998962

■ 4999225

■ 4999745

■ 5000008

# Harmonies

## Analogous

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



6304785



4996612



3294477

# Triad

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



4996612



19289



6237529

# Complementary

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



4996612



266828

# 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.



4143212



4996612



18540

# Square

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



4996612



19263



17011



7153216

# Rectangle

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



4996612



1722396



17011



5648481



# Sweetspot

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



4996612



6512200



4981778



3354658



11776947



3355443



# Same Dimension

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



4996612



6508544



3558404



2500130



6705664



15120640



# Inverse Universe

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



266828



4963



1705036



2237222



5222



11750



# Previews

## White Background



This preview shows how the Decimal color 4996612 looks on a white background.

## Color Contrast Check

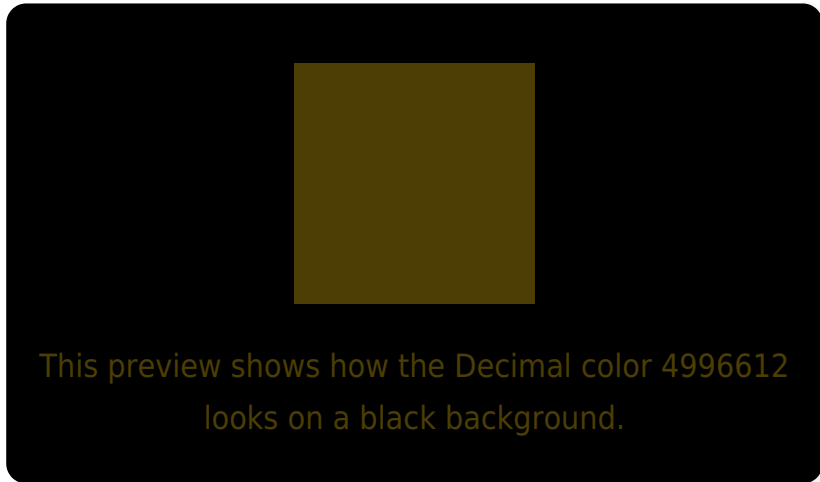
Large Text (above 18pt) WCAG AA ✓ Pass

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

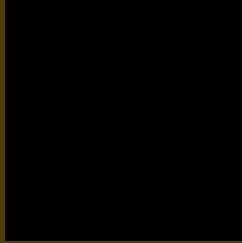
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4996612 Background



This preview shows how black text looks on a background with the Decimal color 4996612.



This preview shows how white text looks on a background with the Decimal color 4996612.

# 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**  
4996612

**Protanopia**  
4734981

**Deuteranopia**  
5258247



**Tritanopia**  
5192254

# Trichromacy



**Original Color**  
4996612

**Protanomaly**  
4800261

**Deuteranomaly**  
5192966

**Tritanomaly**  
5126953

# Monochromacy



**Original Color**  
4996612

**Achromatopsia**  
3947580

**Achromatomaly**  
4341032

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4996612 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 #4C3E04 looks like.

```
.text, #text, p{  
    color:#4C3E04  
}
```

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 #4C3E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3E04
}
```

## Border

The CSS property to change the border of an element to Decimal 4996612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

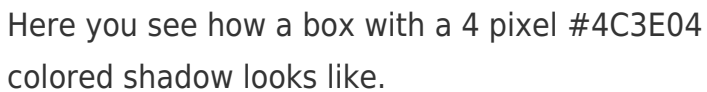
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C3E04 }
```

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

```
.border{ border-color:#4C3E04 }
```

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



Here you see how a box with a 4 pixel #4C3E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3E04; -webkit-box-shadow:4px 4px  
4px 4px #4C3E04; box-shadow:4px 4px 4px  
4px #4C3E04 }
```

# Background

The CSS property to change the background color of an element to Decimal 4996612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3E04 }
```

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

```
.background{ background-color:#4C3E04 }
```

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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