

# Converting Colors

Decimal(5321499)

Have a look what the booklet for  
Decimal(5321499) contains.

<b>Decimal(5321499)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5321499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51331B
RGB	81, 51, 27
RGB Percent	32%, 20%, 11%
CMY	0.6824, 0.8000, 0.8941
CMYK	0.00, 0.37, 0.67, 0.68
HSL	27°, 50%, 21%
HSV	27°, 67%, 32%
XYZ	4.7750, 4.1961, 1.5952
YIQ	57.2340, 25.5840, -1.1040

# Conversions

## Conversions Part 2

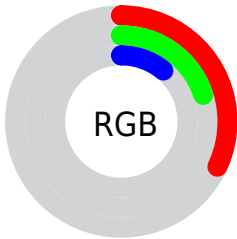
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 70, 27
Decimal	5321499
CIELab	24.31, 10.75, 20.56
CIELCh	24, 23.200, 62.407
Yxy	4.1961, 0.4519, 0.3971
Android (android.graphics.Color)	4283511579 (0xFF51331B)
YUV	57.2340, -14.9054, 20.8428
Hunter-Lab	20.4844, 5.7613, 9.7220




# Details

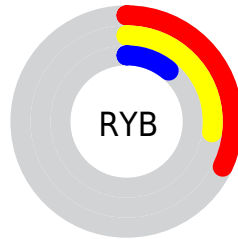
The Decimal color **5321499** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1784145**, and the grayscale version is **3750201**.




A 20% lighter version of the original color is **8741191**, and **2230016** is the 20% darker color. If you saturate the color by 10%, you get **5320467**, and if you desaturate by 10%, it is **5322787**.

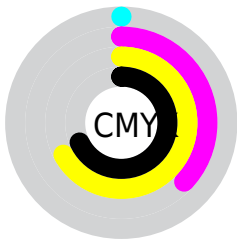
# Distribution







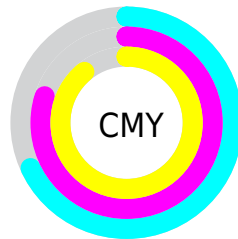
-  Red (32%)
-  Green (20%)
-  Blue (11%)






-  Red (32%)
-  Yellow (27%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (67%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (80%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5321499 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 5321499 by changing the saturation by 10% instead.



 5321499

 5321499

16777215

 3743234

 8741191

 2230016

 10517087

 0

 12293240

 14200722

 16108204

 16770760

 16777188

 5321499

 5321499

■ 5320467

■ 5322787

■ 5319179

■ 5323819

■ 5318147

■ 5325107

■ 5317632

■ 5326139

■ 5327428

■ 5328460

■ 5329748

■ 5330780

■ 5331812

# Harmonies

## Analogous

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



5844264



5321499



4405526

# Triad

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



5321499



17211



4011351

# Complementary

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



5321499



1784145

# 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.



1981276



5321499



16972

# Square

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



5321499



1720617



16472



5254730

# Rectangle

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



5321499



3620120



16472



3422042



# Sweetspot

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



5321499



6905172



5315386



3550761



11908533



3552822



# Same Dimension

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



5321499



6896149



5328155



2696997



6893056



15230720



# Inverse Universe

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



1784145



1393513



1777489



2434857



14953



33256



# Previews

## White Background



This preview shows how the Decimal color 5321499 looks on a white background.

## Color Contrast Check

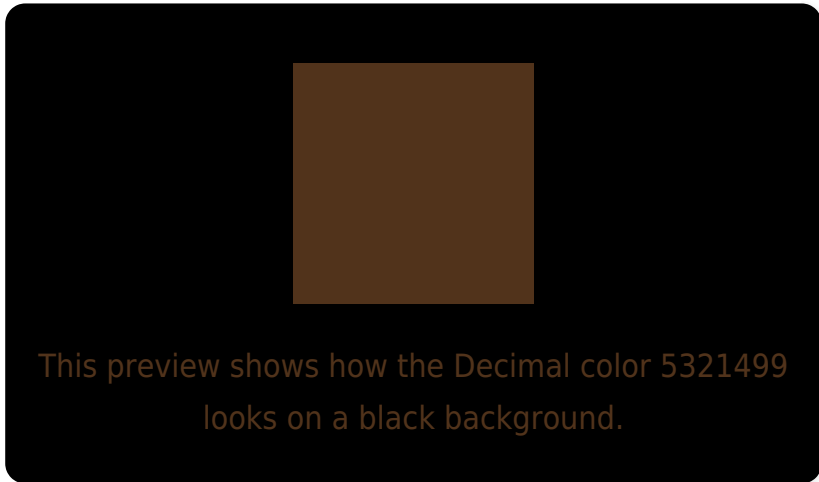
Large Text (above 18pt) WCAG AA ✓ Pass

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 5321499 Background



This preview shows how black text looks on a background with the Decimal color 5321499.

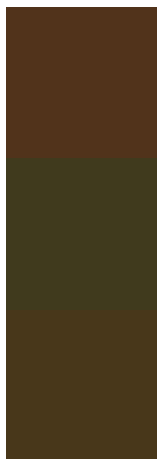


This preview shows how white text looks on a background with the Decimal color 5321499.

# 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**  
5321499

**Protanopia**  
4209181

**Deuteranopia**  
4732698



**Tritanopia**  
5451828

# Trichromacy



**Original Color**  
5321499

**Protanomaly**  
4601628

**Deuteranomaly**  
4929050

**Tritanomaly**  
5386539

# Monochromacy



**Original Color**  
5321499

**Achromatopsia**  
3750201

**Achromatomaly**  
4339502

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5321499 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 #51331B looks like.

```
.text, #text, p{  
    color:#51331B  
}
```

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 #51331B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51331B
}
```

## Border

The CSS property to change the border of an element to Decimal 5321499 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".

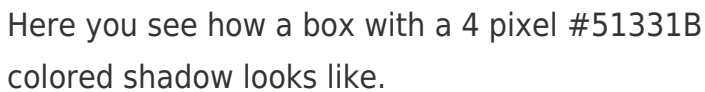
```
.border, #border, table{ border:4px solid
#51331B }
```

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

```
.border{ border-color:#51331B }
```

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

Here you see how a box with a 4 pixel #51331B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51331B; -webkit-box-shadow:4px 4px  
4px 4px #51331B; box-shadow:4px 4px 4px  
4px #51331B }
```

# Background

The CSS property to change the background color of an element to Decimal 5321499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51331B }
```

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

```
.background{ background-color:#51331B }
```

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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