

Converting Colors

Decimal(5324298)

Have a look what the booklet for
Decimal(5324298) contains.

Decimal(5324298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(5324298)

Conversions

Conversions Part 1

Format	Color
Hex	513E0A
RGB	81, 62, 10
RGB Percent	32%, 24%, 4%
CMY	0.6824, 0.7569, 0.9608
CMYK	0.00, 0.23, 0.88, 0.68
HSL	44°, 78%, 18%
HSV	44°, 88%, 32%
XYZ	5.1707, 5.2165, 1.0215
YIQ	61.7530, 28.0160, -12.1440

Conversions

Conversions Part 2

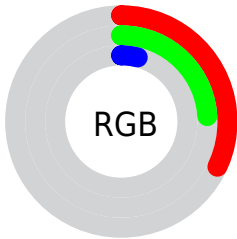
Format	Color
RYB	36, 81, 10
Decimal	5324298
CIELab	27.34, 2.63, 32.55
CIELCh	27, 32.654, 85.374
Yxy	5.2165, 0.4532, 0.4572
Android (android.graphics.Color)	4283514378 (0xFF513E0A)
YUV	61.7530, -25.5142, 16.8796
Hunter-Lab	22.8396, 0.4419, 13.3360

Details

The Decimal color **5324298** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **662865**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **8744249**, and **2102272** is the 20% darker color. If you saturate the color by 10%, you get **5323778**, and if you desaturate by 10%, it is **5324818**.

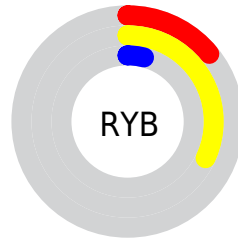
Distribution



 Red (32%)

 Green (24%)

 Blue (4%)



 Red (14%)

 Yellow (32%)

 Blue (4%)

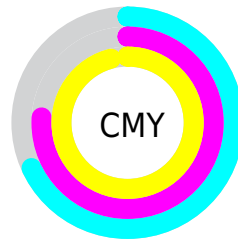



 Cyan (0%)

 Magenta (23%)

 Yellow (88%)

 Black (68%)



 Cyan (68%)

 Magenta (76%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5324298 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 5324298 by changing the saturation by 10% instead.


 5324298

 5324298

 16777201

 3745792

 8744249


 2102272

 10520145

 0

 12362089

 14269571

 16177053

 16774328

 16777172

 5324298

 5324298

■ 5323778

■ 5324818

■ 5323520

■ 5325338

■ 5326114

■ 5326634

■ 5327154

■ 5327675

■ 5328195

■ 5328715

■ 5329491

Harmonies

Analogous

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



6501399



5324298



3753231

Triad

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



5324298



19541



5976413

Complementary

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



5324298



662865

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.



3816558



5324298



19049

Square

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



5324298



19516



17778



7088710

Rectangle

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



5324298



2443547



17778



5387364

Sweetspot

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



5324298



6906189



5311006



3551525



11908533



3552822

Same Dimension

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



5324298



6900992



4346122



2697253



15247872

Inverse Universe

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



662865



7273



1641041



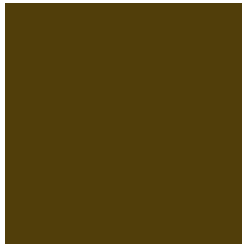
2434601



16104

Previews

White Background



This preview shows how the Decimal color 5324298 looks on a white background.

Color Contrast Check

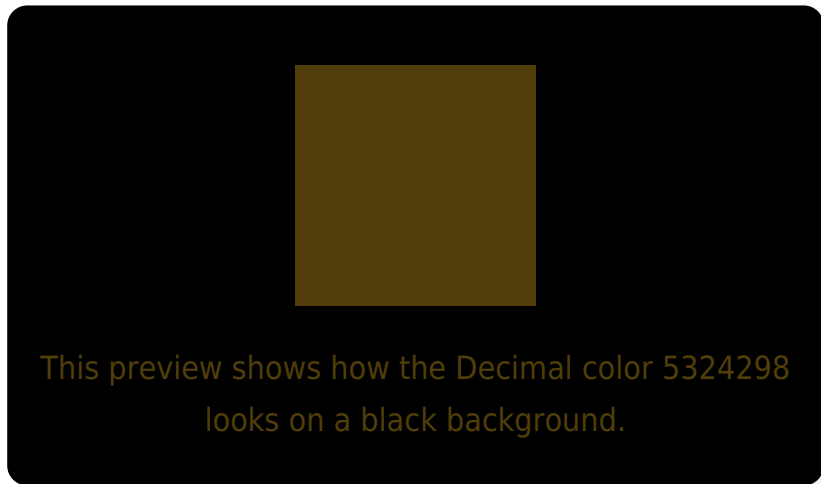
Large Text (above 18pt) WCAG AA ✓ Pass

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

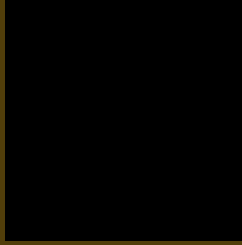
Any Text WCAG AA × Fail

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 5324298 Background



This preview shows how black text looks on a background with the Decimal color 5324298.



This preview shows how white text looks on a background with the Decimal color 5324298.

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
5324298

Protanopia
4800779

Deuteranopia
5389834



Tritanopia
5519934

Trichromacy



Original Color
5324298

Protanomaly
4997131

Deuteranomaly
5389834

Tritanomaly
5454635

Monochromacy



Original Color
5324298

Achromatopsia
4079166

Achromatomaly
4537899

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5324298 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 #513E0A looks like.

```
.text, #text, p{  
    color:#513E0A  
}
```

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 #513E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513E0A
}
```

Border

The CSS property to change the border of an element to Decimal 5324298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

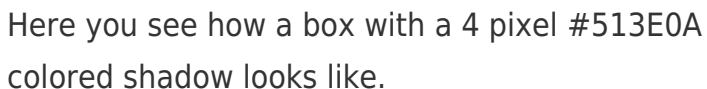
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513E0A }
```

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

```
.border{ border-color:#513E0A }
```

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



Here you see how a box with a 4 pixel #513E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513E0A; -webkit-box-shadow:4px 4px  
4px 4px #513E0A; box-shadow:4px 4px 4px  
4px #513E0A }
```

Background

The CSS property to change the background color of an element to Decimal 5324298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513E0A }
```

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

```
.background{ background-color:#513E0A }
```

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