

Converting Colors

Decimal(4009500)

Have a look what the booklet for
Decimal(4009500) contains.

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Color

Decimal(4009500)

Conversions

Conversions Part 1

Format	Color
Hex	3D2E1C
RGB	61, 46, 28
RGB Percent	24%, 18%, 11%
CMY	0.7608, 0.8196, 0.8902
CMYK	0.00, 0.25, 0.54, 0.76
HSL	33°, 37%, 17%
HSV	33°, 54%, 24%
XYZ	3.1111, 3.0299, 1.5195
YIQ	48.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

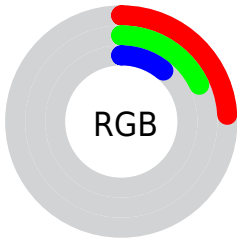
Format	Color
R_{YB}	56, 61, 28
Decimal	4009500
CIE _{Lab}	20.16, 4.06, 14.20
CIE _{LCh}	20, 14.770, 74.026
Yxy	3.0299, 0.4061, 0.3955
Android (android.graphics.Color)	4282199580 (0xFF3D2E1C)
YUV	48.4330, -10.0735, 11.0213
Hunter-Lab	17.4067, 1.4412, 7.0091

Details

The Decimal color **4009500** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1846077**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **7232584**, and **720896** is the 20% darker color. If you saturate the color by 10%, you get **4008726**, and if you desaturate by 10%, it is **4010274**.

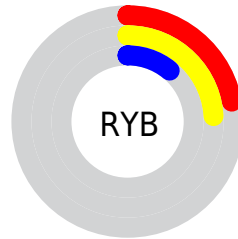
Distribution



Red (24%)

Green (18%)

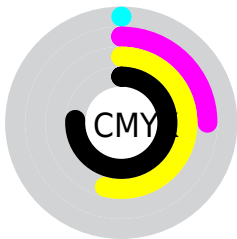
Blue (11%)



Red (22%)

Yellow (24%)

Blue (11%)

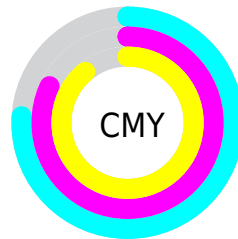


Cyan (0%)

Magenta (25%)

Yellow (54%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4009500 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 4009500 by changing the saturation by 10% instead.



4009500



4009500

16777215



2562307



7232584



720896



8877152



0



10653304



12429458



14271405



16179144



16776420



4009500



4009500

■ 4008726

■ 4010274

■ 4007952

■ 4011048

■ 4007434

■ 4011566

■ 4006660

■ 4012340

■ 4006144

■ 4013115

■ 4013889

■ 4014407

■ 4015181

■ 4015955

Harmonies

Analogous

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



4467234



4009500



3355163

Triad

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



4009500



866102



3681344

Complementary

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



4009500



1846077

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.



2764870



4009500



669247

Square

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



4009500



1717802



1585989



4335927

Rectangle

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



4009500



2831390



1585989



3419459

Sweetspot

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



4009500



5196098



4004907



2696481



11053224



2697513

Same Dimension

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



4009500



5191708



3947804



2039068



6173440



14579968

Inverse Universe

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



1846077



1848143



1907773



1842463



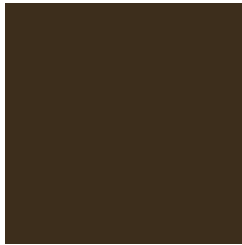
11102



26078

Previews

White Background



This preview shows how the Decimal color 4009500 looks on a white background.

Color Contrast Check

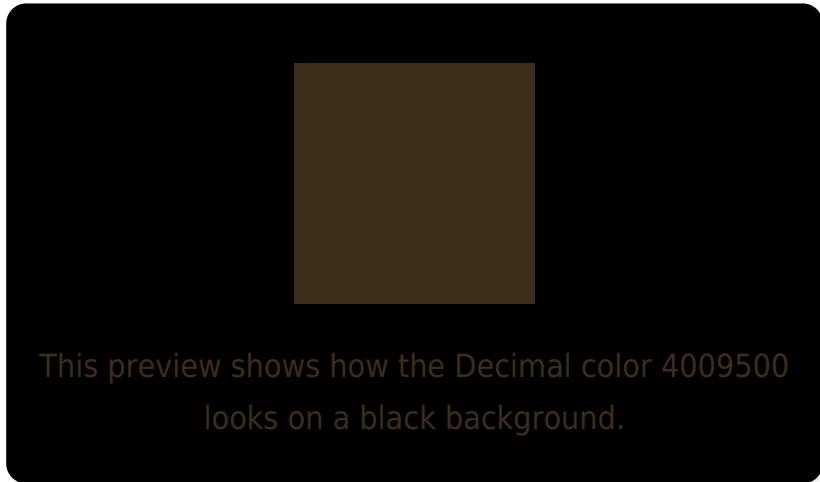
Large Text (above 18pt) WCAG AA ✓ Pass

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

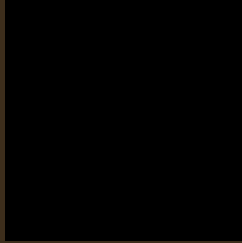
Any Text WCAG AA × Fail

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 4009500 Background



This preview shows how black text looks on a background with the Decimal color 4009500.

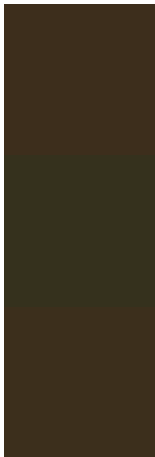


This preview shows how white text looks on a background with the Decimal color 4009500.

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
4009500

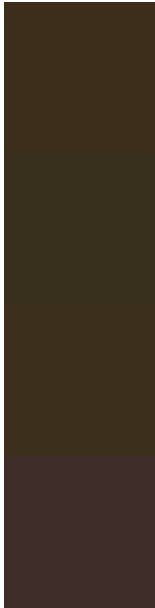
Protanopia
3485981

Deuteranopia
3944220



Tritanopia
4140079

Trichromacy



Original Color

4009500

Protanomaly

3682333

Deuteranomaly

3944220

Tritanomaly

4074792

Monochromacy



Original Color

4009500

Achromatopsia

3158064

Achromatomaly

3485481

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4009500 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 #3D2E1C looks like.

```
.text, #text, p{  
    color:#3D2E1C  
}
```

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 #3D2E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2E1C
}
```

Border

The CSS property to change the border of an element to Decimal 4009500 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
#3D2E1C }
```

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

```
.border{ border-color:#3D2E1C }
```

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

Here you see how a box with a 4 pixel #3D2E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2E1C; -webkit-box-shadow:4px 4px  
4px 4px #3D2E1C; box-shadow:4px 4px 4px  
4px #3D2E1C }
```

Background

The CSS property to change the background color of an element to Decimal 4009500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2E1C }
```

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

```
.background{ background-color:#3D2E1C }
```

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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