

Converting Colors

Decimal(4753500)

Have a look what the booklet for
Decimal(4753500) contains.

Decimal(4753500)	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(4753500)

Conversions

Conversions Part 1

Format	Color
Hex	48885C
RGB	72, 136, 92
RGB Percent	28%, 53%, 36%
CMY	0.7176, 0.4667, 0.6392
CMYK	0.47, 0.00, 0.32, 0.47
HSL	139°, 31%, 41%
HSV	139°, 47%, 53%
XYZ	13.4084, 19.7587, 13.2323
YIQ	111.8480, -24.0200, -27.2520

Conversions

Conversions Part 2

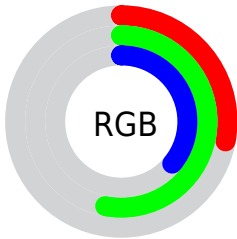
Format	Color
RYB	72, 121, 136
Decimal	4753500
CIELab	51.56, -30.94, 17.42
CIELCh	52, 35.505, 150.612
Yxy	19.7587, 0.2890, 0.4258
Android (android.graphics.Color)	4282943580 (0xFF48885C)
YUV	111.8480, -9.7851, -34.9467
Hunter-Lab	44.4508, -23.9451, 13.4658

Details

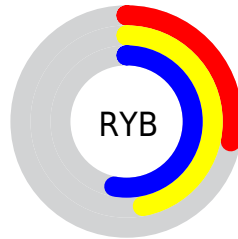
The Decimal color **4753500** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8931444**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8175246**, and **1136174** is the 20% darker color. If you saturate the color by 10%, you get **3835987**, and if you desaturate by 10%, it is **5671013**.

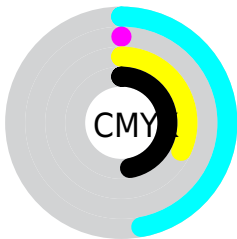
Distribution



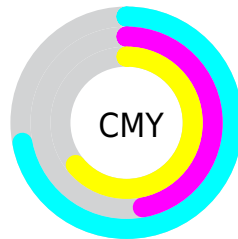
- Red (28%)
- Green (53%)
- Blue (36%)



- Red (28%)
- Yellow (47%)
- Blue (53%)



- Cyan (47%)
- Magenta (0%)
- Yellow (32%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4753500 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 4753500 by changing the saturation by 10% instead.

 4753500

 4753500

16777215

 3042884

 8175246

 1136174

 9951913

 15896

 11794116

 10240

 13631456

 2816

 15532029

 0

 4753500

 4753500

 3835987

 5671013

 2984009

 6522991

■ 2066496

■ 7440504

■ 1214519

■ 8292481

■ 297005

■ 9209995

■ 34859

■ 10127508

■ 10979485

■ 11896999

■ 12748976

Harmonies

Analogous

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



7242309



4753500



35707

Triad

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



4753500



4882103



11756894

Complementary

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



4753500



8931444

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.



11756155



4753500



8287151

Square

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



4753500



34479



10578073



10841927

Rectangle

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



4753500



35727



10578073



11887463

Sweetspot

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



4753500



9941151



7702600



4872527



14277081



5855577

Same Dimension

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



4753500



5091436



4753531



4080960



34089



1282

Inverse Universe

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



8931444



11554193



8931413



4537923



8716379



327684

Previews

White Background



This preview shows how the Decimal color 4753500 looks on a white background.

Color Contrast Check

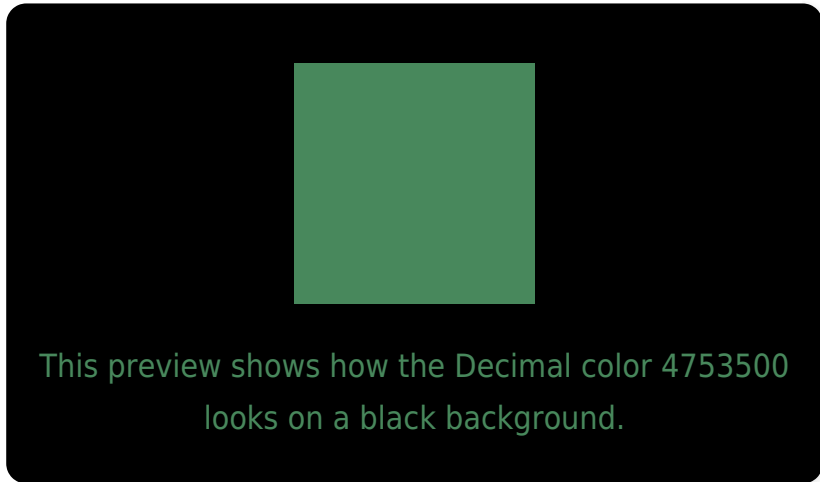
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

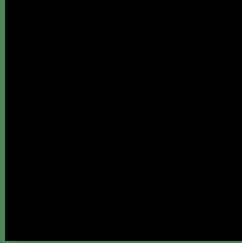
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4753500 Background



This preview shows how black text looks on a background with the Decimal color 4753500.

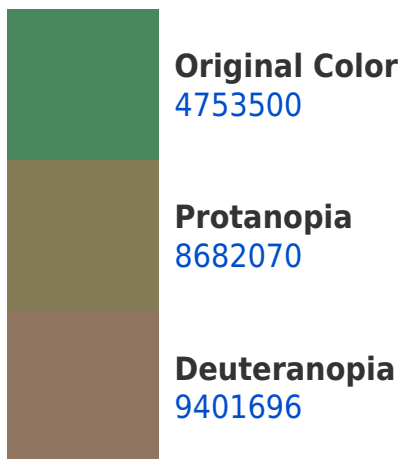



This preview shows how white text looks on a background with the Decimal color 4753500.

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





Tritanopia
5538444

Trichromacy



Original Color
4753500

Protanomaly
7241560

Deuteranomaly
7699551

Tritanomaly
5276795

Monochromacy



Original Color
4753500

Achromatopsia
7368816

Achromatomaly
6388073

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4753500 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 #48885C looks like.

```
.text, #text, p{  
  color:#48885C  
}
```

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 #48885C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48885C
}
```

Border

The CSS property to change the border of an element to Decimal 4753500 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
#48885C }
```

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

```
.border{ border-color:#48885C }
```

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

Here you see how a box with a 4 pixel #48885C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48885C; -webkit-box-shadow:4px 4px  
4px 4px #48885C; box-shadow:4px 4px 4px  
4px #48885C }
```

Background

The CSS property to change the background color of an element to Decimal 4753500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48885C }
```

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

```
.background{ background-color:#48885C }
```

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