

Converting Colors

Decimal(5600586)

Have a look what the booklet for
Decimal(5600586) contains.

Decimal(5600586)	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(5600586)

Conversions

Conversions Part 1

Format	Color
Hex	55754A
RGB	85, 117, 74
RGB Percent	33%, 46%, 29%
CMY	0.6667, 0.5412, 0.7098
CMYK	0.27, 0.00, 0.37, 0.54
HSL	105°, 23%, 37%
HSV	105°, 37%, 46%
XYZ	11.3436, 15.1483, 8.8046
YIQ	102.5300, -5.2690, -20.1570

Conversions

Conversions Part 2

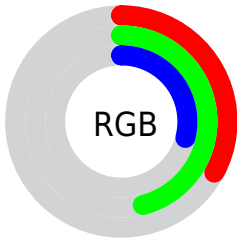
Format	Color
RYB	74, 117, 106
Decimal	5600586
CIELab	45.84, -20.36, 20.13
CIELCh	46, 28.633, 135.333
Yxy	15.1483, 0.3214, 0.4292
Android (android.graphics.Color)	4283790666 (0xFF55754A)
YUV	102.5300, -14.0653, -15.3738
Hunter-Lab	38.9208, -16.0868, 13.8321

Details

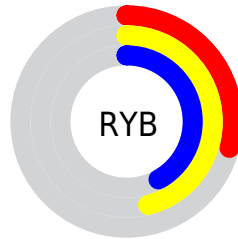
The Decimal color **5600586** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6965877**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8956283**, and **2507805** is the 20% darker color. If you saturate the color by 10%, you get **5010750**, and if you desaturate by 10%, it is **6190422**.

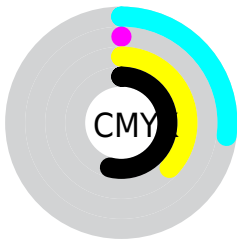
Distribution



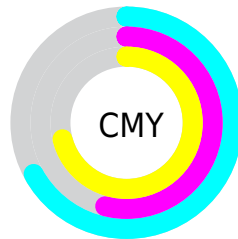
- Red (33%)
- Green (46%)
- Blue (29%)



- Red (29%)
- Yellow (46%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (37%)
- Black (54%)



- Cyan (67%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5600586 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 5600586 by changing the saturation by 10% instead.

■ 5600586

■ 5600586

16777215

■ 4021299

■ 8956283

■ 2507805

■ 10667413

■ 1060358

■ 12509616

■ 6912

■ 14351819

■ 0

■ 16187368

■ 5600586

■ 5600586

■ 5010750

■ 6190422

■ 4486451

■ 6714721

■ 3896615

■ 7304557

■ 3306779

■ 7894393

■ 2716943

■ 8484228

■ 2192644

■ 9008528

■ 1996032

■ 9598364

■ 10188200

■ 10712499

Harmonies

Analogous

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



7368509



5600586



3569760

Triad

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



5600586



3306138



10181217

Complementary

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



5600586



6965877

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.



9722745



5600586



6122395

Square

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



5600586



30606



8348302



9854796

Rectangle

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



5600586



1800560



8348302



10115689

Sweetspot

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



5600586



9214344



7694922



4541763



13421772



5066061

Same Dimension

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



5600586



6789462



4879700



3554101



2062848



4258304

Inverse Universe

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



6965877



8935065



7686763



3749179



5963898



12189946

Previews

White Background



This preview shows how the Decimal color 5600586 looks on a white background.

Color Contrast Check

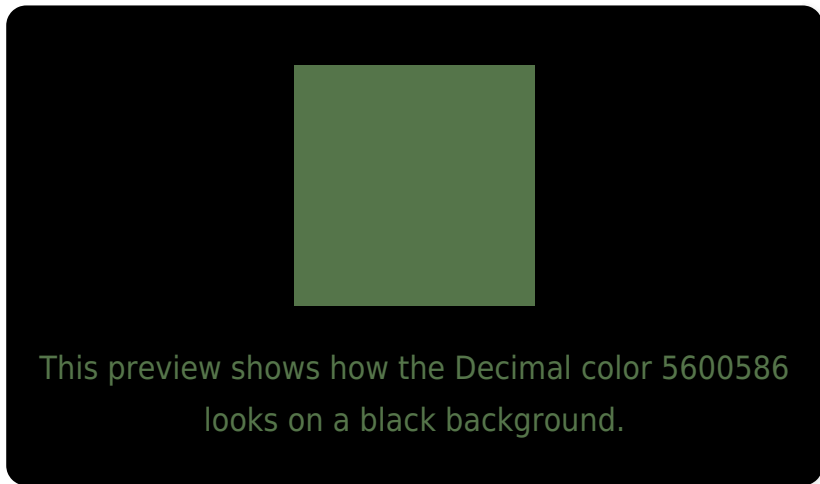
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

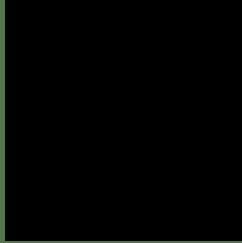
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5600586 Background



This preview shows how black text looks on a background with the Decimal color 5600586.



This preview shows how white text looks on a background with the Decimal color 5600586.

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
5600586

Protanopia
7760966

Deuteranopia
8480845

Trichromacy



Original Color
5600586

Protanomaly
6975303

Deuteranomaly
7433548

Tritanomaly
5927271

Monochromacy



Original Color
5600586

Achromatopsia
6776679

Achromatomaly
6319196

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5600586 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 #55754A looks like.

```
.text, #text, p{  
    color:#55754A  
}
```

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 #55754A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55754A
}
```

Border

The CSS property to change the border of an element to Decimal 5600586 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
#55754A }
```

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

```
.border{ border-color:#55754A }
```

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

Here you see how a box with a 4 pixel #55754A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55754A; -webkit-box-shadow:4px 4px  
4px 4px #55754A; box-shadow:4px 4px 4px  
4px #55754A }
```

Background

The CSS property to change the background color of an element to Decimal 5600586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55754A }
```

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

```
.background{ background-color:#55754A }
```

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