

Converting Colors

Decimal(5588535)

Have a look what the booklet for
Decimal(5588535) contains.

Decimal(5588535)	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(5588535)

Conversions

Conversions Part 1

Format	Color
Hex	554637
RGB	85, 70, 55
RGB Percent	33%, 27%, 22%
CMY	0.6667, 0.7255, 0.7843
CMYK	0.00, 0.18, 0.35, 0.67
HSL	30°, 21%, 27%
HSV	30°, 35%, 33%
XYZ	6.6261, 6.5874, 4.5367
YIQ	72.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

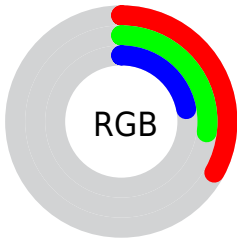
Format	Color
RYB	85, 85, 55
Decimal	5588535
CIELab	30.85, 3.85, 11.44
CIElCh	31, 12.068, 71.401
Yxy	6.5874, 0.3733, 0.3711
Android (android.graphics.Color)	4283778615 (0xFF554637)
YUV	72.7750, -8.7631, 10.7213
Hunter-Lab	25.6660, 1.1668, 7.4862

Details

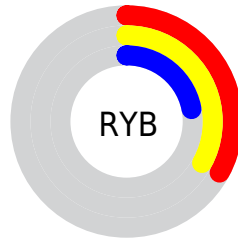
The Decimal color **5588535** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3622485**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **8877670**, and **2562828** is the 20% darker color. If you saturate the color by 10%, you get **5587503**, and if you desaturate by 10%, it is **5589567**.

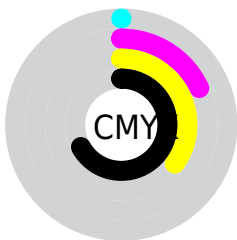
Distribution



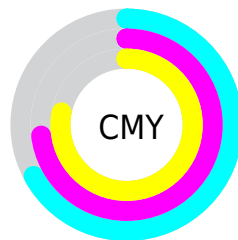
- Red (33%)
- Green (27%)
- Blue (22%)



- Red (33%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (67%)



- Cyan (67%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5588535 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 5588535 by changing the saturation by 10% instead.

■ 5588535

■ 5588535

16777215

■ 4010018

■ 8877670

■ 2562828

■ 10653823

■ 917504

■ 12429977

■ 0

■ 14272180

■ 16114383

■ 16776939

■ 5588535

■ 5588535

■ 5587503

■ 5589567

■ 5586214

■ 5590600

■ 5585182

■ 5591888

■ 5584149

■ 5592921

■ 5583117

■ 5593954

■ 5582084

■ 5594986

■ 5581568

■ 5596274

■ 5597307

■ 5598340

Harmonies

Analogous

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



5980989



5588535



4999478

Triad

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



5588535



3165772



5195095

Complementary

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



5588535



3622485

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.



4343899



5588535



3099989

Square

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



5588535



3624514



3558234



5784399

Rectangle

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



5588535



4541240



3558234



4933209

Sweetspot

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



5588535



7235682



5584710



3683377



12105912



3684408

Same Dimension

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



5588535



7231296



5592375



2828583



7026176



15430912

Inverse Universe

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



3622485



4216686



3618645



2566443



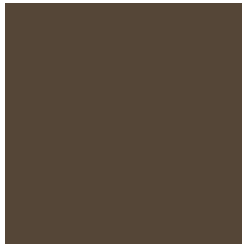
13931



30187

Previews

White Background



This preview shows how the Decimal color 5588535 looks on a white background.

Color Contrast Check

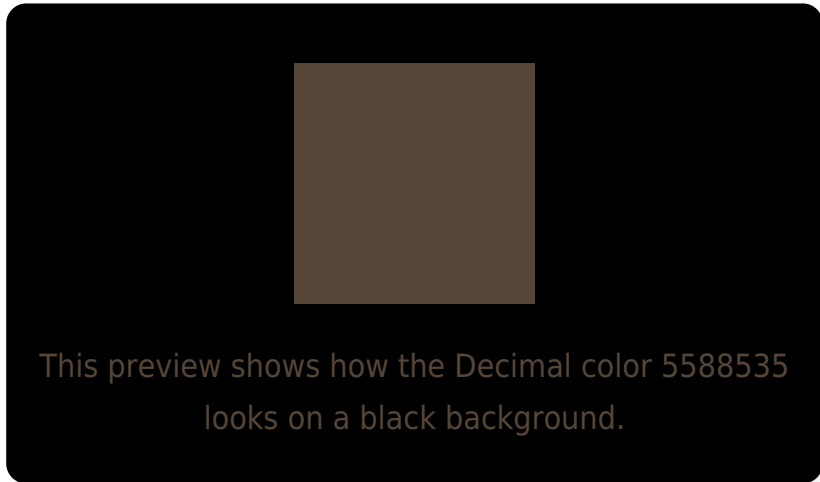
Large Text (above 18pt) WCAG AA ✓ Pass

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

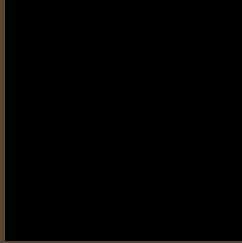
Any Text WCAG AA × Fail

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 5588535 Background



This preview shows how black text looks on a background with the Decimal color 5588535.

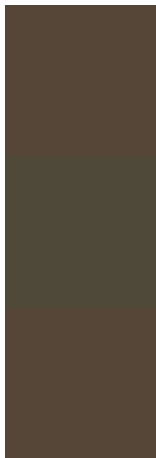


This preview shows how white text looks on a background with the Decimal color 5588535.

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
5588535

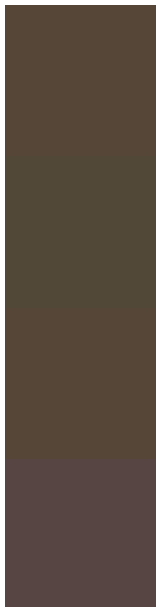
Protanopia
5130552

Deuteranopia
5654071



Tritanopia
5719113

Trichromacy



Original Color

5588535

Protanomaly

5326904

Deuteranomaly

5654071

Tritanomaly

5653826

Monochromacy



Original Color

5588535

Achromatopsia

4802889

Achromatomaly

5064770

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5588535 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 #554637 looks like.

```
.text, #text, p{  
  color:#554637  
}
```

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 #554637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #554637
}
```

Border

The CSS property to change the border of an element to Decimal 5588535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

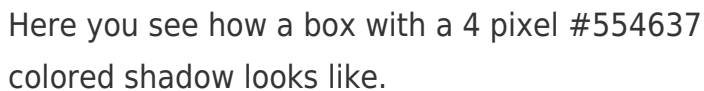
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#554637 }
```

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

```
.border{ border-color:#554637 }
```

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



Here you see how a box with a 4 pixel #554637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #554637; -webkit-box-shadow:4px 4px  
4px 4px #554637; box-shadow:4px 4px 4px  
4px #554637 }
```

Background

The CSS property to change the background color of an element to Decimal 5588535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#554637 }
```

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

```
.background{ background-color:#554637 }
```

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