

Converting Colors

Decimal(5586227)

Have a look what the booklet for
Decimal(5586227) contains.

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Color

Decimal(5586227)

Conversions

Conversions Part 1

Format	Color
Hex	553D33
RGB	85, 61, 51
RGB Percent	33%, 24%, 20%
CMY	0.6667, 0.7608, 0.8000
CMYK	0.00, 0.28, 0.40, 0.67
HSL	18°, 25%, 27%
HSV	18°, 40%, 33%
XYZ	6.0126, 5.5078, 3.8782
YIQ	67.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

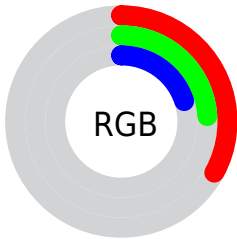
Format	Color
R_{YB}	85, 65, 51
Decimal	5586227
CIE Lab	28.14, 8.99, 10.29
CIE LCh	28, 13.663, 48.867
Yxy	5.5078, 0.3905, 0.3577
Android (android.graphics.Color)	4283776307 (0xFF553D33)
YUV	67.0360, -7.9057, 15.7544
Hunter-Lab	23.4687, 4.6608, 6.6305

Details

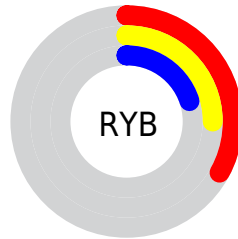
The Decimal color **5586227** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3361621**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **8940641**, and **2560773** is the 20% darker color. If you saturate the color by 10%, you get **5584682**, and if you desaturate by 10%, it is **5587771**.

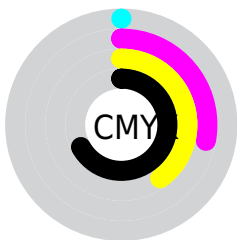
Distribution



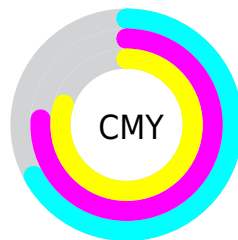
- Red (33%)
- Green (24%)
- Blue (20%)



- Red (33%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (67%)



- Cyan (67%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5586227 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 5586227 by changing the saturation by 10% instead.

■ 5586227

■ 5586227

16777215

■ 4007710

■ 8940641

■ 2560773

■ 10651258

■ 131072

■ 12492948

■ 0

■ 14334895

■ 16177098

■ 16774118

■ 5586227

■ 5586227

■ 5584682

■ 5587771

■ 5583138

■ 5589316

■ 5581593

■ 5590861

■ 5580049

■ 5592405

■ 5578504

■ 5593950

■ 5576960

■ 5595494

■ 5597038

■ 5598583

■ 5600127

Harmonies

Analogous

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



5782332



5586227



5128238

Triad

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



5586227



2902078



4145494

Complementary

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



5586227



3361621

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.



3163479



5586227



2377801

Square

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



5586227



3622452



2443090



4996432

Rectangle

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



5586227



4670254



2443090



3818071

Sweetspot

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



5586227



7234656



5583691



3683120



12105912



3684408

Same Dimension

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



5586227



7227449



5590579



2828327



7020544



15418624

Inverse Universe

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



3361621



3759726



3357269



2566699



19563



42731

Previews

White Background



This preview shows how the Decimal color 5586227 looks on a white background.

Color Contrast Check

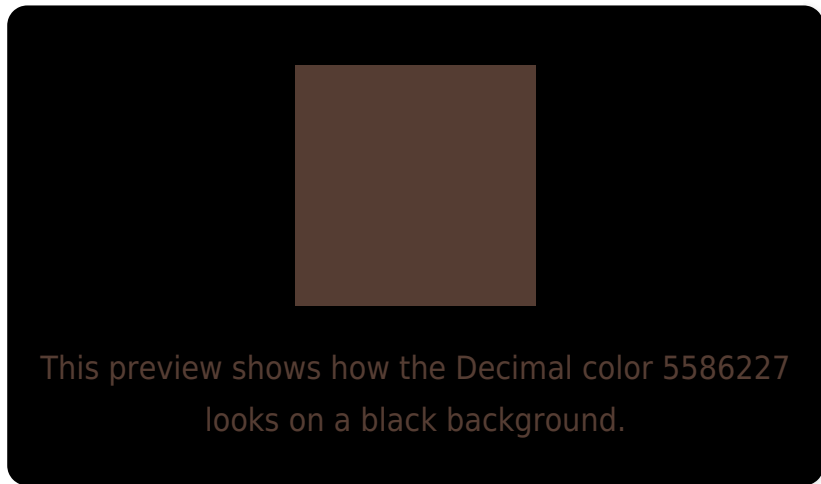
Large Text (above 18pt) WCAG AA ✓ Pass

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 5586227 Background



This preview shows how black text looks on a background with the Decimal color 5586227.

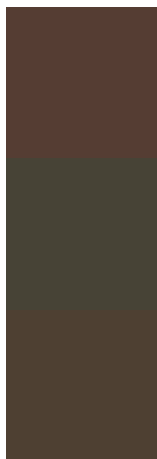


This preview shows how white text looks on a background with the Decimal color 5586227.

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
5586227

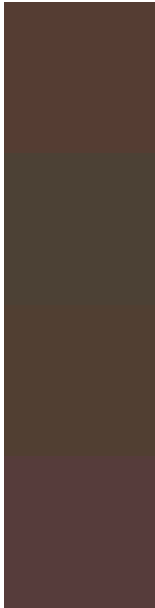
Protanopia
4670262

Deuteranopia
5128242



Tritanopia
5651264

Trichromacy



Original Color

5586227

Protanomaly

4997429

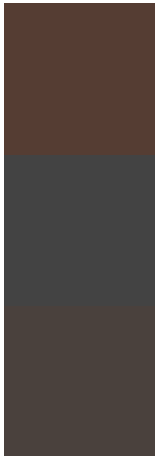
Deuteranomaly

5324594

Tritanomaly

5651515

Monochromacy



Original Color

5586227

Achromatopsia

4408131

Achromatomaly

4866365

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5536227 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 #553D33 looks like.

```
.text, #text, p{  
    color:#553D33  
}
```

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 #553D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553D33  
}
```

Border

The CSS property to change the border of an element to Decimal 5586227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

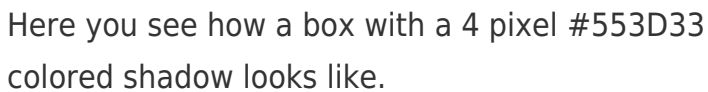
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#553D33 }
```

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

```
.border{ border-color:#553D33 }
```

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



Here you see how a box with a 4 pixel #553D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553D33; -webkit-box-shadow:4px 4px  
4px 4px #553D33; box-shadow:4px 4px 4px  
4px #553D33 }
```

Background

The CSS property to change the background color of an element to Decimal 5586227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553D33 }
```

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

```
.background{ background-color:#553D33 }
```

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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