

Converting Colors

Decimal(5586176)

Have a look what the booklet for
Decimal(5586176) contains.

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Color

Decimal(5586176)

Conversions

Conversions Part 1

Format	Color
Hex	553D00
RGB	85, 61, 0
RGB Percent	33%, 24%, 0%
CMY	0.6667, 0.7608, 1.0000
CMYK	0.00, 0.28, 1.00, 0.67
HSL	43°, 100%, 17%
HSV	43°, 100%, 33%
XYZ	5.4151, 5.2688, 0.7316
YIQ	61.2220, 33.8850, -13.8830

Conversions

Conversions Part 2

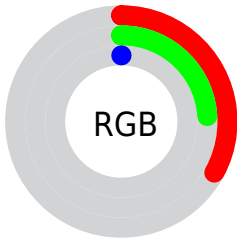
Format	Color
RYB	33, 85, 0
Decimal	5586176
CIELab	27.49, 4.95, 36.93
CIELCh	27, 37.258, 82.366
Yxy	5.2688, 0.4744, 0.4615
Android (android.graphics.Color)	4283776256 (0xFF553D00)
YUV	61.2220, -30.1824, 20.8533
Hunter-Lab	22.9538, 1.9409, 14.1780

Details

The Decimal color **5586176** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **6229**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **9071665**, and **2298624** is the 20% darker color. If you saturate the color by 10%, you get **5586176**, and if you desaturate by 10%, it is **5586696**.

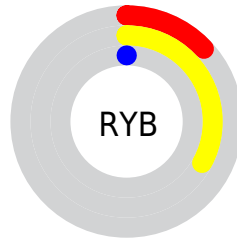
Distribution



Red (33%)

Green (24%)

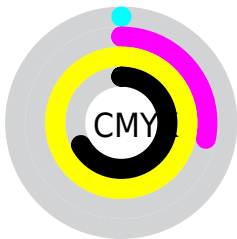
Blue (0%)



Red (13%)

Yellow (33%)

Blue (0%)

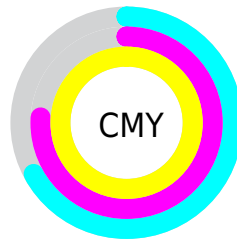


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5586176 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 5586176 by changing the saturation by 10% instead.

 5586176

 5586176

 16777192

 3942144

 9071665

 2298624

 10913097

 0

 12754785

 14662267

 16570005

 16773808

 16777164

 5586176

■ 5586696

■ 5587473

■ 5587993

■ 5588770

■ 5589290

■ 5589811

■ 5590587

■ 5591108

■ 5591884

Harmonies

Analogous

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



6893843



5586176



3819011

Triad

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



5586176



20054



6041444

Complementary

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



5586176



6229

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.



3292278



5586176



19566

Square

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



5586176



20024



18042



7349577

Rectangle

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



5586176



2312723



18042



5321835

Sweetspot

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



5586176



7234637



5570584



3682852



12105912



3684408

Same Dimension

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



5586176



7229184



4412672



2828839



7032064



15443968

Inverse Universe

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



6229



8046



1179733



2566187



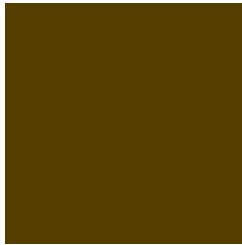
7787



17131

Previews

White Background



This preview shows how the Decimal color 5586176 looks on a white background.

Color Contrast Check

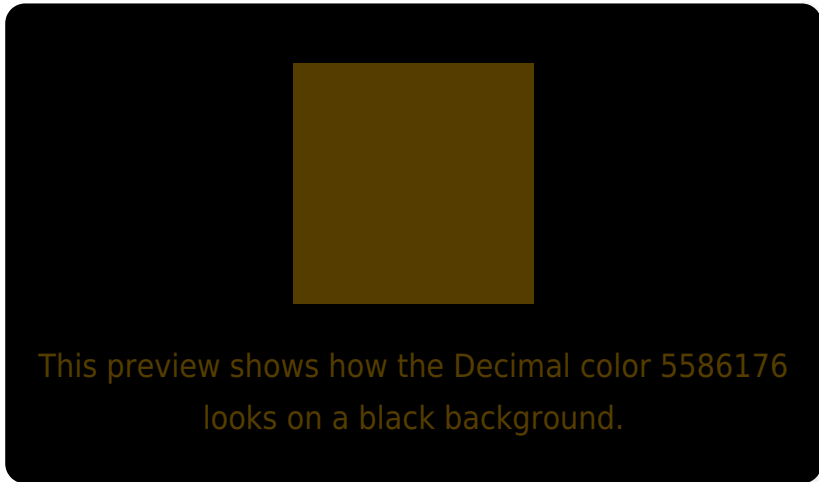
Large Text (above 18pt) WCAG AA ✓ Pass

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

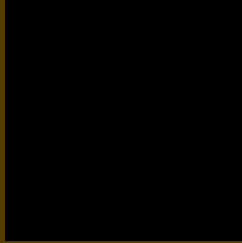
Any Text WCAG AA × Fail

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 5586176 Background



This preview shows how black text looks on a background with the Decimal color 5586176.



This preview shows how white text looks on a background with the Decimal color 5586176.

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
5586176

Protanopia
4866565

Deuteranopia
5455360



Tritanopia
5781821

Trichromacy



Original Color
5586176

Protanomaly
5128195

Deuteranomaly
5520896

Tritanomaly
5716519

Monochromacy



Original Color
5586176

Achromatopsia
4013373

Achromatomaly
4603175

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5536176 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 #553D00 looks like.

```
.text, #text, p{  
    color:#553D00  
}
```

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 #553D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553D00
}
```

Border

The CSS property to change the border of an element to Decimal 5586176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

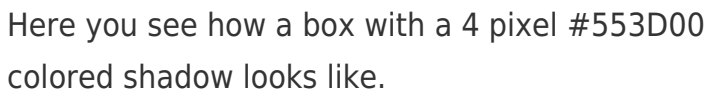
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553D00 }
```

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

```
.border{ border-color:#553D00 }
```

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



Here you see how a box with a 4 pixel #553D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553D00; -webkit-box-shadow:4px 4px  
4px 4px #553D00; box-shadow:4px 4px 4px  
4px #553D00 }
```

Background

The CSS property to change the background color of an element to Decimal 5586176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553D00 }
```

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

```
.background{ background-color:#553D00 }
```

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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