

# Converting Colors

Decimal(5586700)

Have a look what the booklet for  
Decimal(5586700) contains.

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**Color**

**Decimal(5586700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	553F0C
RGB	85, 63, 12
RGB Percent	33%, 25%, 5%
CMY	0.6667, 0.7529, 0.9529
CMYK	0.00, 0.26, 0.86, 0.67
HSL	42°, 75%, 19%
HSV	42°, 86%, 33%
XYZ	5.5902, 5.5129, 1.1173
YIQ	63.7640, 29.4830, -11.1970

# Conversions

## Conversions Part 2

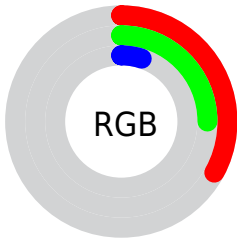
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 85, 12
Decimal	5586700
CIELab	28.15, 4.15, 32.66
CIELCh	28, 32.920, 82.757
Yxy	5.5129, 0.4574, 0.4511
Android (android.graphics.Color)	4283776780 (0xFF553F0C)
YUV	63.7640, -25.5197, 18.6240
Hunter-Lab	23.4795, 1.4097, 13.6143

# Details

The Decimal color **5586700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **795221**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **9072186**, and **2364672** is the 20% darker color. If you saturate the color by 10%, you get **5585924**, and if you desaturate by 10%, it is **5587476**.

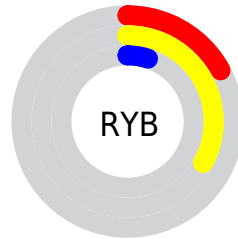
# Distribution



Red (33%)

Green (25%)

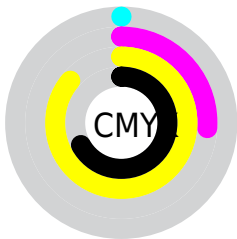
Blue (5%)



Red (17%)

Yellow (33%)

Blue (5%)

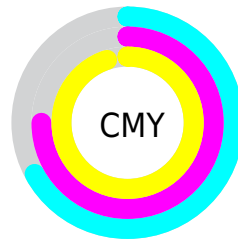


Cyan (0%)

Magenta (26%)

Yellow (86%)

Black (67%)



Cyan (67%)

Magenta (75%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5586700 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 5586700 by changing the saturation by 10% instead.



 5586700

 5586700

 16777203

 4008192

 9072186

 2364672

 10848338

 0

 12690027

 14597509

 16505247

 16774586

 16777174

 5586700

 5586700

■ 5585924

■ 5587476

■ 5585664

■ 5587997

■ 5588774

■ 5589294

■ 5590070

■ 5590591

■ 5591368

■ 5591888

■ 5592664

# Harmonies

## Analogous

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



6763802



5586700



4015887

# Triad

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



5586700



20309



5976929

# Complementary

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



5586700



795221

# 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.



3686001



5586700



19562

# Square

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



5586700



20027



18293



7154762

# Rectangle

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



5586700



2705947



18293



5388136



# Sweetspot

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



5586700



7234897



5573667



3683111



12105912



3684408



# Same Dimension

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



5586700



7228672



4740364



2828839



7031552



15442944



# Inverse Universe

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



795221



8558



1641557



2566187



8299

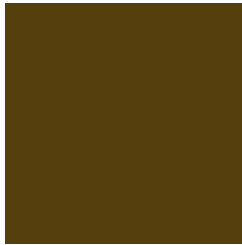


18411



# Previews

## White Background



This preview shows how the Decimal color 5586700 looks on a white background.

## Color Contrast Check

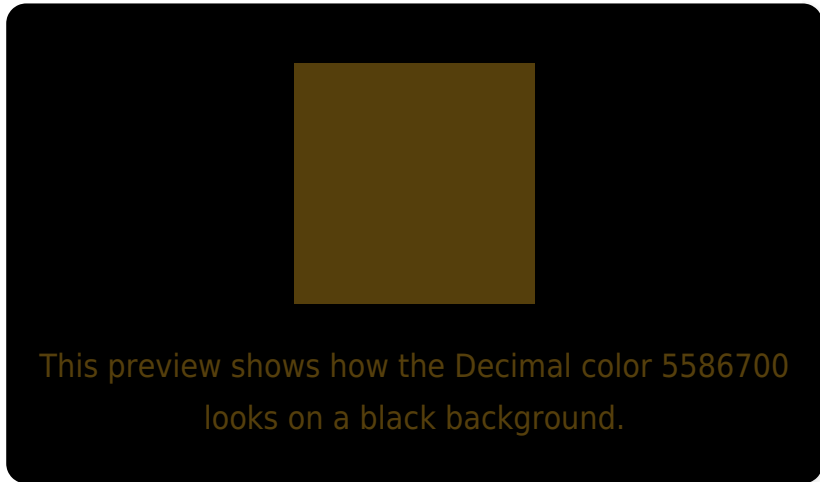
Large Text (above 18pt) WCAG AA ✓ Pass

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

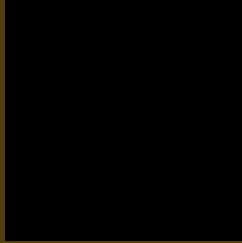
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5586700 Background



This preview shows how black text looks on a background with the Decimal color 5586700.



This preview shows how white text looks on a background with the Decimal color 5586700.

# 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**  
5586700

**Protanopia**  
4932365

**Deuteranopia**  
5521164



# Trichromacy



**Original Color**  
5586700

**Protanomaly**  
5194253

**Deuteranomaly**  
5521164

**Tritanomaly**  
5717036

# Monochromacy



**Original Color**  
5586700

**Achromatopsia**  
4210752

**Achromatomaly**  
4735021

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5536700 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 #553F0C looks like.

```
.text, #text, p{  
    color:#553F0C  
}
```

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 #553F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553F0C
}
```

## Border

The CSS property to change the border of an element to Decimal 5586700 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
#553F0C }
```

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

```
.border{ border-color:#553F0C }
```

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

Here you see how a box with a 4 pixel #553F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553F0C; -webkit-box-shadow:4px 4px  
4px 4px #553F0C; box-shadow:4px 4px 4px  
4px #553F0C }
```

# Background

The CSS property to change the background color of an element to Decimal 5586700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553F0C }
```

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

```
.background{ background-color:#553F0C }
```

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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