

# Converting Colors

Decimal(5534015)

Have a look what the booklet for  
Decimal(5534015) contains.

<b>Decimal(5534015)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5534015)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54713F
RGB	84, 113, 63
RGB Percent	33%, 44%, 25%
CMY	0.6706, 0.5569, 0.7529
CMYK	0.26, 0.00, 0.44, 0.56
HSL	95°, 28%, 35%
HSV	95°, 44%, 44%
XYZ	10.4585, 14.0540, 6.8641
YIQ	98.6290, -1.2340, -21.6980

# Conversions

## Conversions Part 2

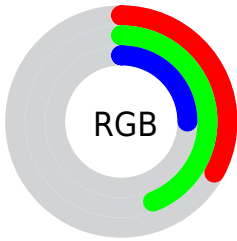
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 113, 92
Decimal	5534015
CIELab	44.31, -20.36, 24.38
CIELCh	44, 31.768, 129.862
Yxy	14.0540, 0.3333, 0.4479
Android (android.graphics.Color)	4283724095 (0xFF54713F)
YUV	98.6290, -17.5651, -12.8296
Hunter-Lab	37.4886, -15.8075, 15.3861

# Details

The Decimal color **5534015** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6045553**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8889712**, and **2441490** is the 20% darker color. If you saturate the color by 10%, you get **5075252**, and if you desaturate by 10%, it is **5992778**.

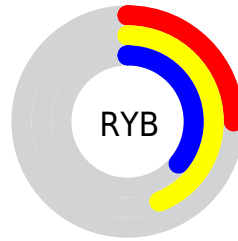
# Distribution



Red (33%)

Green (44%)

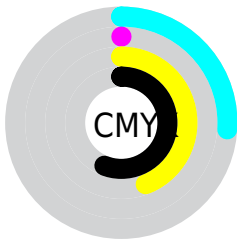
Blue (25%)



Red (25%)

Yellow (44%)

Blue (36%)

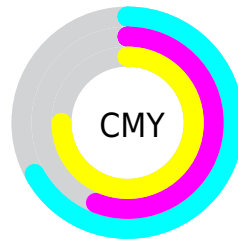


Cyan (26%)

Magenta (0%)

Yellow (44%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5534015 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 5534015 by changing the saturation by 10% instead.



■ 5534015

■ 5534015

16777215

■ 3954728

■ 8889712

■ 2441490

■ 10600585

■ 1124864

■ 12442788

■ 6144

■ 14285247

■ 0

■ 16121819

■ 16777207

■ 5534015

■ 5534015

■ 5075252

■ 5992778

■ 4682024

■ 6386006

■ 4223261

■ 6844769

■ 3830034

■ 7237996

■ 3371270

■ 7696759

■ 3109120

■ 8089987

■ 8548750

■ 8941977

■ 9400741

# Harmonies

## Analogous

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



7432755



5534015



3175766

# Triad

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



5534015



422042



10179425

# Complementary

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



5534015



6045553

# 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.



9459324



5534015



5138845

# Square

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



5534015



30090



7823249



9918536

# Rectangle

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



5534015



161384



7823249



10048362



# Sweetspot

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



5534015



9016449



7428927



4409918



13224393



4868682



# Same Dimension

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



5534015



6722630



4157762



3487794



3307520



6878976



# Inverse Universe

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



6045553



7554708



7421806



3551800



4587640



9371895



# Previews

## White Background



This preview shows how the Decimal color 5534015 looks on a white background.

## Color Contrast Check

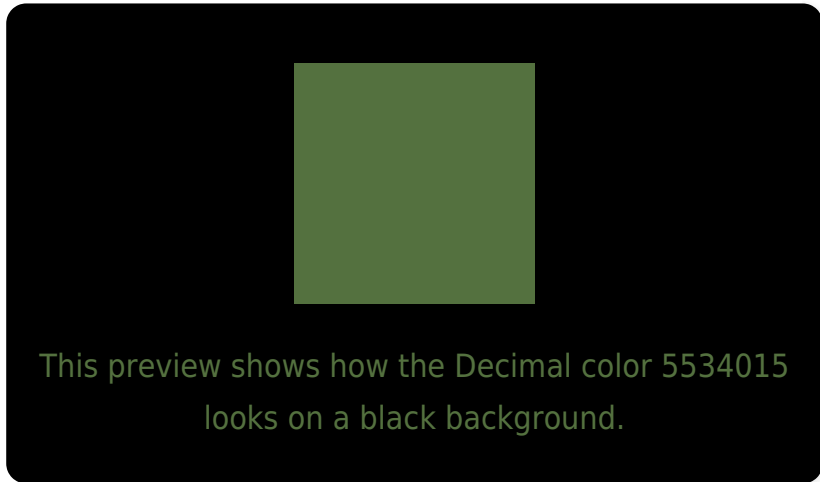
Large Text (above 18pt) WCAG AA ✓ Pass

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

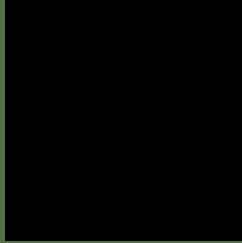
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5534015 Background



This preview shows how black text looks on a background with the Decimal color 5534015.



This preview shows how white text looks on a background with the Decimal color 5534015.

# 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](#).

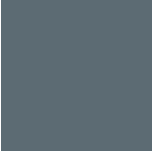
## Dichromacy



**Original Color**  
5534015

**Protanopia**  
7563580

**Deuteranopia**  
8283202



**Tritanopia**  
6056819

# Trichromacy



**Original Color**  
5534015

**Protanomaly**  
6843453

**Deuteranomaly**  
7301441

**Tritanomaly**  
5860704

# Monochromacy



**Original Color**  
5534015

**Achromatopsia**  
6513507

**Achromatomaly**  
6187094

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5534015 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 #54713F looks like.

```
.text, #text, p{  
  color:#54713F  
}
```

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 #54713F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54713F
}
```

## Border

The CSS property to change the border of an element to Decimal 5534015 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".

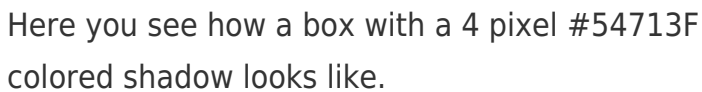
```
.border, #border, table{ border:4px solid
#54713F }
```

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

```
.border{ border-color:#54713F }
```

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

Here you see how a box with a 4 pixel #54713F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54713F; -webkit-box-shadow:4px 4px  
4px 4px #54713F; box-shadow:4px 4px 4px  
4px #54713F }
```

# Background

The CSS property to change the background color of an element to Decimal 5534015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54713F }
```

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

```
.background{ background-color:#54713F }
```

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