

# Converting Colors

Decimal(4431701)

Have a look what the booklet for  
Decimal(4431701) contains.

<b>Decimal(4431701)</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(4431701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	439F55
RGB	67, 159, 85
RGB Percent	26%, 62%, 33%
CMY	0.7373, 0.3765, 0.6667
CMYK	0.58, 0.00, 0.47, 0.38
HSL	132°, 41%, 44%
HSV	132°, 58%, 62%
XYZ	16.3526, 26.6454, 12.8755
YIQ	123.0560, -31.0780, -42.5180

# Conversions

## Conversions Part 2

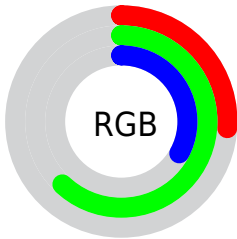
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 144, 159
Decimal	4431701
CIELab	58.64, -43.65, 30.53
CIELCh	59, 53.271, 145.032
Yxy	26.6454, 0.2927, 0.4769
Android (android.graphics.Color)	4282621781 (0xFF439F55)
YUV	123.0560, -18.7616, -49.1611
Hunter-Lab	51.6192, -33.7862, 21.3446

# Details

The Decimal color **4431701** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10437517**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **8115848**, and **27173** is the 20% darker color. If you saturate the color by 10%, you get **3383112**, and if you desaturate by 10%, it is **5480290**.

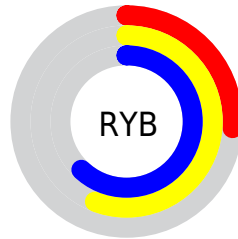
# Distribution



Red (26%)

Green (62%)

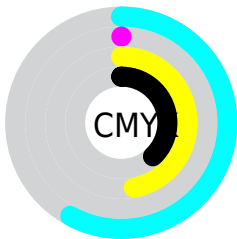
Blue (33%)



Red (26%)

Yellow (56%)

Blue (62%)

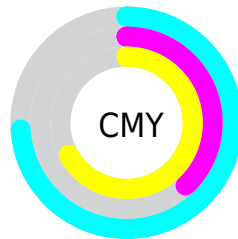


Cyan (58%)

Magenta (0%)

Yellow (47%)

Black (38%)



Cyan (74%)

Magenta (38%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4431701 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 4431701 by changing the saturation by 10% instead.





4431701



4431701

16777215



2393149



8115848



27173



9958306



20749



11796414



14592



13696986



9216



15597558



0



4431701



4431701



3383112



5480290



2334523



6528879

■ 1285935

■ 7577467

■ 237346

■ 8626056

■ 40735

■ 9674645

■ 10657698

■ 11706287

■ 12754875

■ 13803464

# Harmonies

## Analogous

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



8427058



4431701



41859

# Triad

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



4431701



38378



14837352

# Complementary

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



4431701



10437517

# 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.



14574487



4431701



8488162

# Square

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



4431701



40921



12546243



13596225

# Rectangle

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



4431701



42148



12546243



14902135



# Sweetspot

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



4431701



11259826



9346883



5531992



15263976



6908265



# Same Dimension

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



4431701



4247388



4431746



4673353



36636



3843



# Inverse Universe

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



10437517



13582515



10437472



5195598



9371763



983052



# Previews

## White Background



This preview shows how the Decimal color 4431701 looks on a white background.

## Color Contrast Check

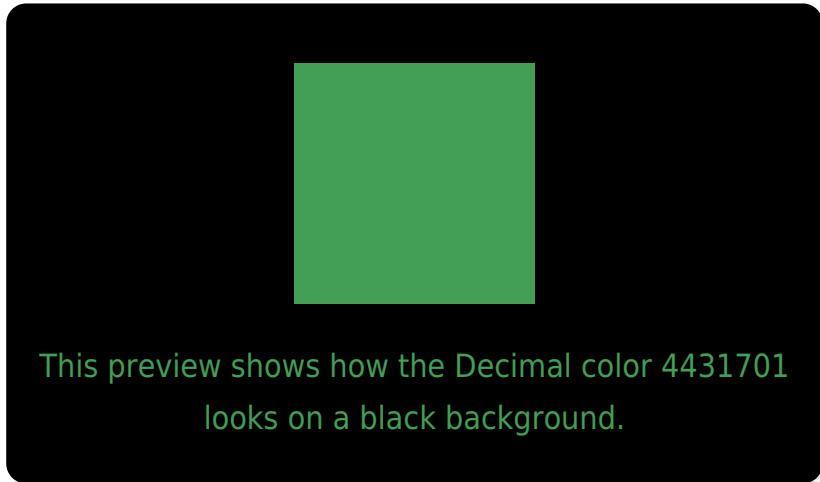
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Decimal 4431701 Background



This preview shows how black text looks on a background with the Decimal color 4431701.



This preview shows how white text looks on a background with the Decimal color 4431701.

# 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**  
4431701

**Protanopia**  
10128462

**Deuteranopia**  
11109979



# Trichromacy



**Original Color**  
4431701

**Protanomaly**  
8033105

**Deuteranomaly**  
8687449

**Tritanomaly**  
5282182

# Monochromacy



**Original Color**  
4431701

**Achromatopsia**  
8092539

**Achromatomaly**  
6785133

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4431701 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 #439F55 looks like.

```
.text, #text, p{  
    color:#439F55  
}
```

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 #439F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #439F55
}
```

## Border

The CSS property to change the border of an element to Decimal 4431701 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
#439F55 }
```

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

```
.border{ border-color:#439F55 }
```

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

Here you see how a box with a 4 pixel #439F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #439F55; -webkit-box-shadow:4px 4px  
4px 4px #439F55; box-shadow:4px 4px 4px  
4px #439F55 }
```

# Background

The CSS property to change the background color of an element to Decimal 4431701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#439F55 }
```

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

```
.background{ background-color:#439F55 }
```

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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