

# Converting Colors

Decimal(4496467)

Have a look what the booklet for  
Decimal(4496467) contains.

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# Color

**Decimal(4496467)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	449C53
RGB	68, 156, 83
RGB Percent	27%, 61%, 33%
CMY	0.7333, 0.3882, 0.6745
CMYK	0.56, 0.00, 0.47, 0.39
HSL	130°, 39%, 44%
HSV	130°, 56%, 61%
XYZ	15.8337, 25.6304, 12.2963
YIQ	121.3660, -29.0150, -41.3590

# Conversions

## Conversions Part 2

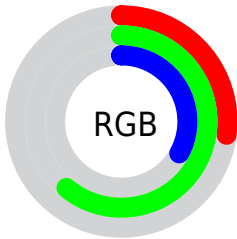
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 143, 156
Decimal	4496467
CIELab	57.68, -42.49, 30.37
CIELCh	58, 52.227, 144.443
Yxy	25.6304, 0.2945, 0.4768
Android (android.graphics.Color)	4282686547 (0xFF449C53)
YUV	121.3660, -18.9144, -46.8020
Hunter-Lab	50.6265, -32.7695, 21.0381

# Details

The Decimal color **4496467** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10241165**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **8115078**, and **26660** is the 20% darker color. If you saturate the color by 10%, you get **3447878**, and if you desaturate by 10%, it is **5545056**.

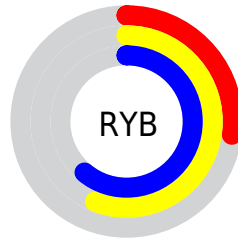
# Distribution



Red (27%)

Green (61%)

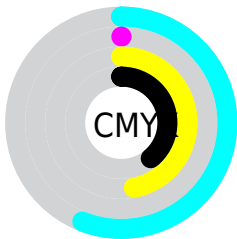
Blue (33%)



Red (27%)

Yellow (56%)

Blue (61%)

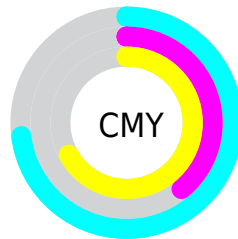


Cyan (56%)

Magenta (0%)

Yellow (47%)

Black (39%)



Cyan (73%)

Magenta (39%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4496467 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 4496467 by changing the saturation by 10% instead.





4496467



4496467

16777215



2523451



8115078



26660



9957536



20235



11796411



14080



13696983



8704



15597556



0



4496467



4496467



3447878



5545056



2464825



6528109

■ 1416236

■ 7576698

■ 433183

■ 8559751

■ 39963

■ 9608340

■ 10656929

■ 11639982

■ 12688571

■ 13671623

# Harmonies

## Analogous

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



8360753



4496467



41088

# Triad

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



4496467



37605



14509159

# Complementary

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



4496467



10241165

# 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.



14246549



4496467



8225502

# Square

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



4496467



40148



12218304



13399105

# Rectangle

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



4496467



41376



12218304



14639734



# Sweetspot

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



4496467



11127983



9280580



5400149



15132390



6710886



# Same Dimension

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



4496467



4312153



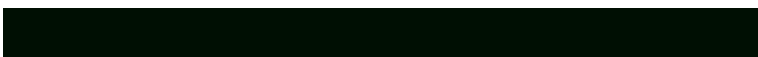
4496511



4673352



36632



3843



# Inverse Universe

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



10241165



13386164



10241121



5195598



9371766



983053



# Previews

## White Background



This preview shows how the Decimal color 4496467 looks on a white background.

## Color Contrast Check

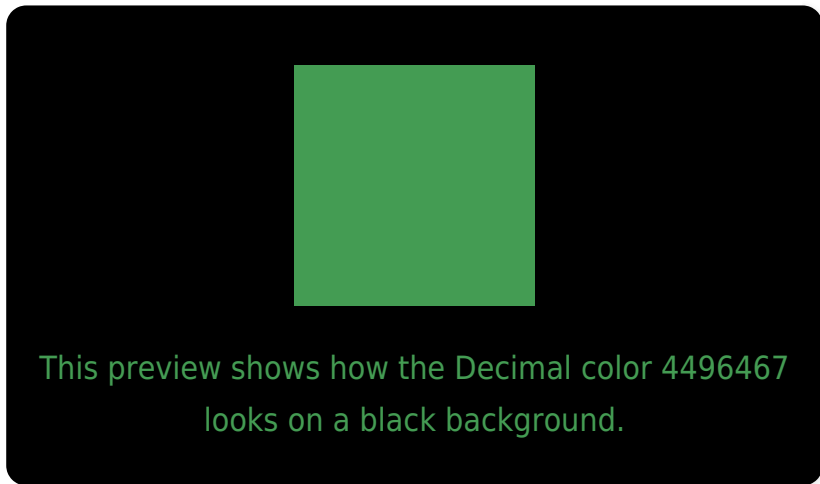
Large Text (above 18pt) WCAG AA ✓ Pass

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 4496467 Background



This preview shows how black text looks on a background with the Decimal color 4496467.



This preview shows how white text looks on a background with the Decimal color 4496467.

# 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**  
4496467

**Protanopia**  
9931340

**Deuteranopia**  
10912857



# Trichromacy



**Original Color**  
4496467



**Protanomaly**  
7967055



**Deuteranomaly**  
8555863



**Tritanomaly**  
5281411

# Monochromacy



**Original Color**  
4496467



**Achromatopsia**  
7960953



**Achromatomaly**  
6719083

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4496467 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 #449C53 looks like.

```
.text, #text, p{  
    color:#449C53  
}
```

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 #449C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449C53
}
```

## Border

The CSS property to change the border of an element to Decimal 4496467 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
#449C53 }
```

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

```
.border{ border-color:#449C53 }
```

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

Here you see how a box with a 4 pixel #449C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449C53; -webkit-box-shadow:4px 4px  
4px 4px #449C53; box-shadow:4px 4px 4px  
4px #449C53 }
```

# Background

The CSS property to change the background color of an element to Decimal 4496467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449C53 }
```

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

```
.background{ background-color:#449C53 }
```

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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