

# Converting Colors

Decimal(4297309)

Have a look what the booklet for  
Decimal(4297309) contains.

<b>Decimal(4297309)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4297309)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41925D
RGB	65, 146, 93
RGB Percent	25%, 57%, 36%
CMY	0.7451, 0.4275, 0.6353
CMYK	0.55, 0.00, 0.36, 0.43
HSL	141°, 38%, 41%
HSV	141°, 55%, 57%
XYZ	14.4346, 22.4719, 13.9327
YIQ	115.7390, -31.2630, -33.6550

# Conversions

## Conversions Part 2

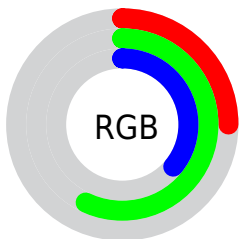
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 125, 146
Decimal	4297309
CIELab	54.52, -37.22, 20.81
CIELCh	55, 42.643, 150.790
Yxy	22.4719, 0.2839, 0.4420
Android (android.graphics.Color)	4282487389 (0xFF41925D)
YUV	115.7390, -11.2103, -44.4981
Hunter-Lab	47.4045, -28.6048, 15.7573

# Details

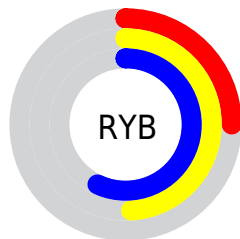
The Decimal color **4297309** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9585014**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **7850384**, and **24366** is the 20% darker color. If you saturate the color by 10%, you get **3314259**, and if you desaturate by 10%, it is **5280359**.

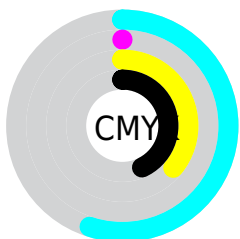
# Distribution



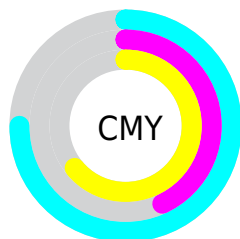
- Red (25%)
- Green (57%)
- Blue (36%)



- Red (25%)
- Yellow (49%)
- Blue (57%)



- Cyan (55%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (75%)
- Magenta (43%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4297309 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 4297309 by changing the saturation by 10% instead.





4297309



4297309

16777215



2390085



7850384



24366



9692586



17944



11468742



12032



13369314



6144



15269887



0



4297309



4297309



3314259



5280359



2396746



6197872

■ 1413696

■ 7180922

■ 496183

■ 8098435

■ 37426

■ 9081485

■ 10064534

■ 10982048

■ 11965097

■ 12882611

# Harmonies

## Analogous

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



7441216



4297309



38274

# Triad

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



4297309



4163276



12937055

# Complementary

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



4297309



9585014

# 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.



12936067



4297309



8812738

# Square

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



4297309



37058



11627175



11825986

# Rectangle

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



4297309



38299



11627175



13133162



# Sweetspot

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



4297309



10337704



7836225



4939346



14606046



6184542



# Same Dimension

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



4297309



4111722



4297348



4409925



35376



2564



# Inverse Universe

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



9585014



12402321



9584975



4866887



9044058



655367



# Previews

## White Background



This preview shows how the Decimal color 4297309 looks on a white background.

## Color Contrast Check

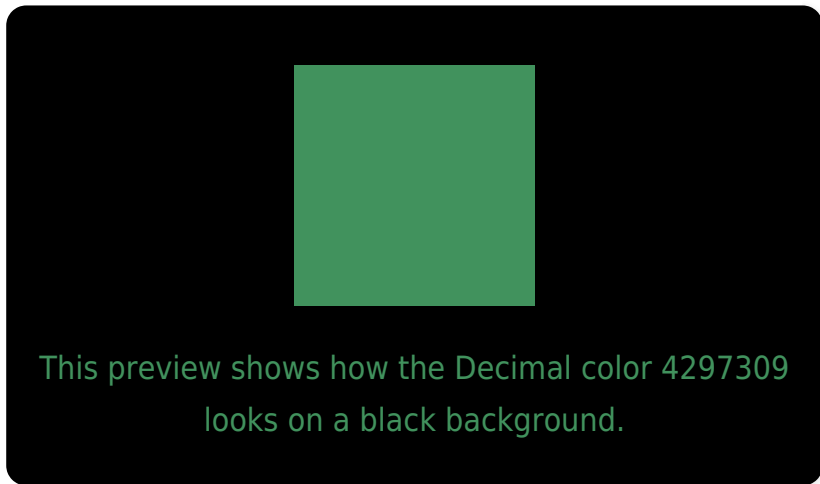
Large Text (above 18pt) WCAG AA ✓ Pass

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

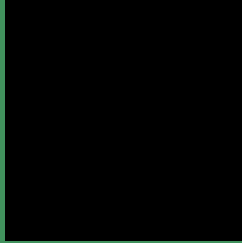
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4297309 Background



This preview shows how black text looks on a background with the Decimal color 4297309.



This preview shows how white text looks on a background with the Decimal color 4297309.

# 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





**Tritanopia**  
5344150

# Trichromacy



**Original Color**  
4297309

**Protanomaly**  
7440473

**Deuteranomaly**  
7963744

**Tritanomaly**  
4951681

# Monochromacy



**Original Color**  
4297309

**Achromatopsia**  
7631988

**Achromatomaly**  
6389612

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4297309 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 #41925D looks like.

```
.text, #text, p{  
  color:#41925D  
}
```

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 #41925D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41925D
}
```

## Border

The CSS property to change the border of an element to Decimal 4297309 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
#41925D }
```

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

```
.border{ border-color:#41925D }
```

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

Here you see how a box with a 4 pixel #41925D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41925D; -webkit-box-shadow:4px 4px  
4px 4px #41925D; box-shadow:4px 4px 4px  
4px #41925D }
```

# Background

The CSS property to change the background color of an element to Decimal 4297309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41925D }
```

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

```
.background{ background-color:#41925D }
```

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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