

# Converting Colors

Decimal(2655301)

Have a look what the booklet for  
Decimal(2655301) contains.

<b>Decimal(2655301)</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(2655301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	288445
RGB	40, 132, 69
RGB Percent	16%, 52%, 27%
CMY	0.8431, 0.4824, 0.7294
CMYK	0.70, 0.00, 0.48, 0.48
HSL	139°, 53%, 34%
HSV	139°, 70%, 52%
XYZ	10.2005, 17.3833, 8.4479
YIQ	97.3100, -34.6090, -39.0970

# Conversions

## Conversions Part 2

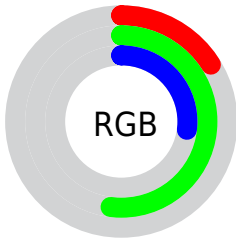
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 110, 132
Decimal	2655301
CIELab	48.74, -41.44, 26.32
CIELCh	49, 49.090, 147.581
Yxy	17.3833, 0.2831, 0.4824
Android (android.graphics.Color)	4280845381 (0xFF288445)
YUV	97.3100, -13.9568, -50.2609
Hunter-Lab	41.6933, -29.2922, 17.1719

# Details

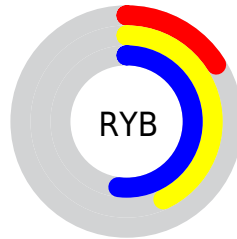
The Decimal color **2655301** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8661095**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6404726**, and **20759** is the 20% darker color. If you saturate the color by 10%, you get **1803324**, and if you desaturate by 10%, it is **3507278**.

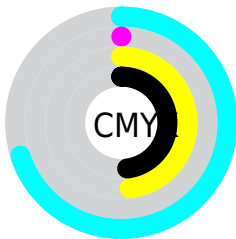
# Distribution



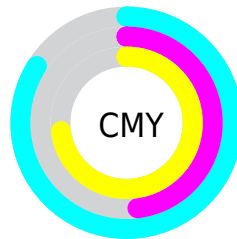
- Red (16%)
- Green (52%)
- Blue (27%)



- Red (16%)
- Yellow (43%)
- Blue (52%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (48%)



- Cyan (84%)
- Magenta (48%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2655301 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 2655301 by changing the saturation by 10% instead.





2655301



2655301

16777215



27182



6404726



20759



8246928



14592



10089387



9472



11927494



0



13828067



15728639



2655301



2655301



1803324



3507278

■ 951347

■ 4359255

■ 33834

■ 5276768

■ 6128745

■ 6980722

■ 7832699

■ 8684676

■ 9602189

■ 10454166

# Harmonies

## Analogous

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



6585635



2655301



34671

# Triad

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



2655301



31431



12472656

# Complementary

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



2655301



8661095

# 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.



12340601



2655301



7236286

# Square

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



2655301



33721



10705057



11296813

# Rectangle

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



2655301



34956



10705057



12537437



# Sweetspot

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



2655301



8891282



6849576



4282184



14079702



5723991



# Same Dimension

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



2655301



1813321



2655346



3949118



33321



769



# Inverse Universe

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



8661095



11213694



8661050



4340800



8519769



196610



# Previews

## White Background



This preview shows how the Decimal color 2655301 looks on a white background.

## Color Contrast Check

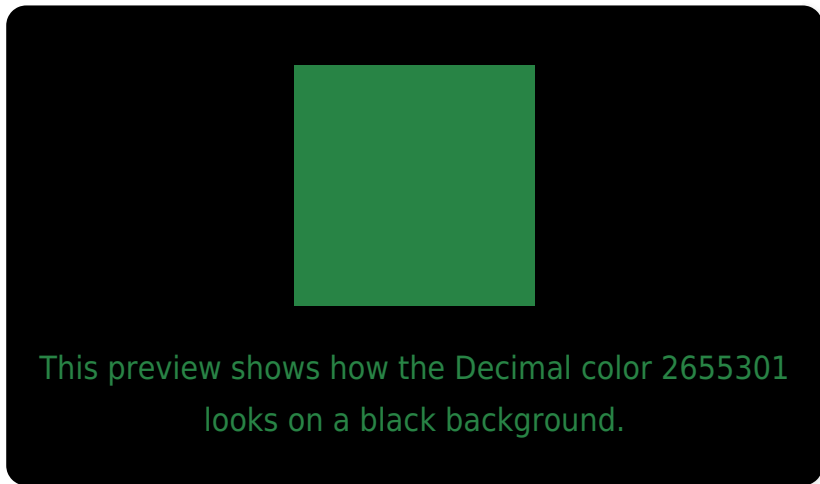
Large Text (above 18pt) WCAG AA ✓ Pass

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 2655301 Background



This preview shows how black text looks on a background with the Decimal color 2655301.



This preview shows how white text looks on a background with the Decimal color 2655301.

# 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**  
2655301

**Protanopia**  
8352575

**Deuteranopia**  
9072202



# Trichromacy



**Original Color**  
2655301



**Protanomaly**  
6256961



**Deuteranomaly**  
6714952



**Tritanomaly**  
3571823

# Monochromacy



**Original Color**  
2655301



**Achromatopsia**  
6381921



**Achromatomaly**  
5008983

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2655301 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 #288445 looks like.

```
.text, #text, p{  
    color:#288445  
}
```

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 #288445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288445
}
```

## Border

The CSS property to change the border of an element to Decimal 2655301 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
#288445 }
```

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

```
.border{ border-color:#288445 }
```

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

Here you see how a box with a 4 pixel #288445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288445; -webkit-box-shadow:4px 4px  
4px 4px #288445; box-shadow:4px 4px 4px  
4px #288445 }
```

# Background

The CSS property to change the background color of an element to Decimal 2655301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288445 }
```

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

```
.background{ background-color:#288445 }
```

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