

# Converting Colors

Decimal(2656561)

Have a look what the booklet for  
Decimal(2656561) contains.

<b>Decimal(2656561)</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(2656561)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	288931
RGB	40, 137, 49
RGB Percent	16%, 54%, 19%
CMY	0.8431, 0.4627, 0.8078
CMYK	0.71, 0.00, 0.64, 0.46
HSL	126°, 55%, 35%
HSV	126°, 71%, 54%
XYZ	10.3751, 18.5642, 5.9422
YIQ	97.9650, -29.5640, -47.9320

# Conversions

## Conversions Part 2

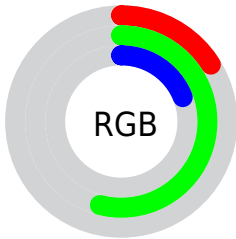
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 129, 137
Decimal	2656561
CIELab	50.17, -46.27, 38.23
CIELCh	50, 60.022, 140.437
Yxy	18.5642, 0.2974, 0.5322
Android (android.graphics.Color)	4280846641 (0xFF288931)
YUV	97.9650, -24.1397, -50.8353
Hunter-Lab	43.0862, -32.4182, 21.9835

# Details

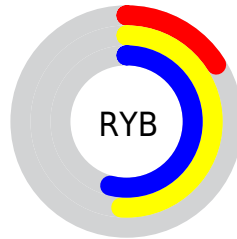
The Decimal color **2656561** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8988800**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **6537059**, and **22016** is the 20% darker color. If you saturate the color by 10%, you get **1739045**, and if you desaturate by 10%, it is **3574077**.

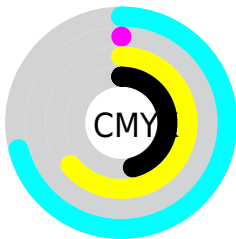
# Distribution



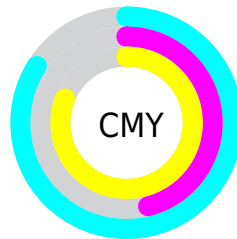
- Red (16%)
- Green (54%)
- Blue (19%)



- Red (16%)
- Yellow (51%)
- Blue (54%)



- Cyan (71%)
- Magenta (0%)
- Yellow (64%)
- Black (46%)



- Cyan (84%)
- Magenta (46%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2656561 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 2656561 by changing the saturation by 10% instead.





2656561



2656561

16777215



28440



6537059



22016



8379517



15616



10287255



10240



12124082



256



14024654



0



15990763



2656561



2656561



1739045



3574077

■ 887064

■ 4426058

■ 35085

■ 5343574

■ 6261091

■ 7178607

■ 8030588

■ 8948104

■ 9865620

■ 10717601

# Harmonies

## Analogous

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



7241472



2656561



36453

# Triad

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



2656561



33501



13714775

# Complementary

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



2656561



8988800

# 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.



13255818



2656561



5468632

# Square

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



2656561



36038



10770873



12605736

# Rectangle

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



2656561



36744



10770873



13779560



# Sweetspot

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



2656561



9286544



8489256



4413765



14277081



5855577



# Same Dimension

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



2656561



1815337



2656609



4080959



34060



1280



# Inverse Universe

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



8988800



11738020



8988752



4537924



8716408



327685



# Previews

## White Background



This preview shows how the Decimal color 2656561 looks on a white background.

## Color Contrast Check

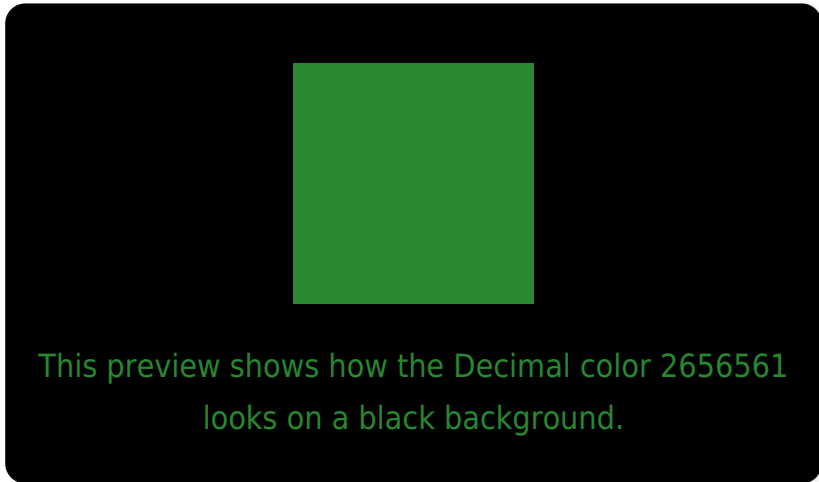
Large Text (above 18pt) WCAG AA ✓ Pass

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

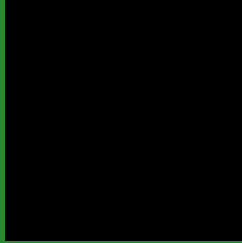
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2656561 Background



This preview shows how black text looks on a background with the Decimal color 2656561.



This preview shows how white text looks on a background with the Decimal color 2656561.

# 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**  
2656561

**Protanopia**  
8681260

**Deuteranopia**  
9597240



**Tritanopia**  
4358283

# Trichromacy



**Original Color**  
2656561



**Protanomaly**  
6520366



**Deuteranomaly**  
7043637



**Tritanomaly**  
3769194

# Monochromacy



**Original Color**  
2656561



**Achromatopsia**  
6447714



**Achromatomaly**  
5075024

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2656561 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 #288931 looks like.

```
.text, #text, p{  
    color:#288931  
}
```

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 #288931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288931
}
```

## Border

The CSS property to change the border of an element to Decimal 2656561 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
#288931 }
```

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

```
.border{ border-color:#288931 }
```

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

Here you see how a box with a 4 pixel #288931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288931; -webkit-box-shadow:4px 4px  
4px 4px #288931; box-shadow:4px 4px 4px  
4px #288931 }
```

# Background

The CSS property to change the background color of an element to Decimal 2656561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288931 }
```

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

```
.background{ background-color:#288931 }
```

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