

# Converting Colors

Decimal(8555827)

Have a look what the booklet for  
Decimal(8555827) contains.

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**Color**

**Decimal(8555827)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828D33
RGB	130, 141, 51
RGB Percent	51%, 55%, 20%
CMY	0.4902, 0.4471, 0.8000
CMYK	0.08, 0.00, 0.64, 0.45
HSL	67°, 47%, 38%
HSV	67°, 64%, 55%
XYZ	19.3283, 24.0346, 6.7524
YIQ	127.4510, 22.3340, -30.3220

# Conversions

## Conversions Part 2

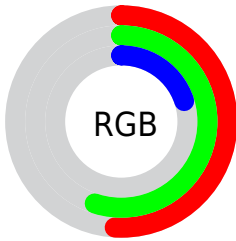
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 141, 62
Decimal	8555827
CIELab	56.12, -16.84, 45.18
CIELCh	56, 48.222, 110.445
Yxy	24.0346, 0.3857, 0.4796
Android (android.graphics.Color)	4286745907 (0xFF828D33)
YUV	127.4510, -37.6903, 2.2355
Hunter-Lab	49.0251, -15.4196, 26.1513

# Details

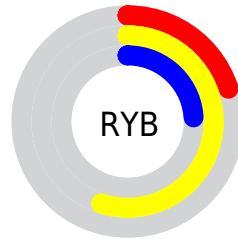
The Decimal color **8555827** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4076429**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **12174182**, and **5135104** is the 20% darker color. If you saturate the color by 10%, you get **8424741**, and if you desaturate by 10%, it is **8686913**.

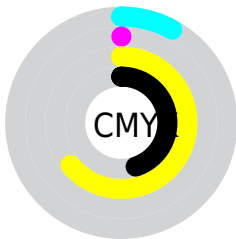
# Distribution



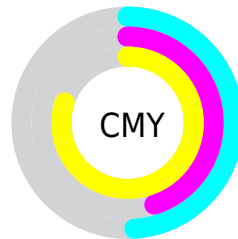
- Red (51%)
- Green (55%)
- Blue (20%)



- Red (20%)
- Yellow (55%)
- Blue (24%)



- Cyan (8%)
- Magenta (0%)
- Yellow (64%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8555827 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 8555827 by changing the saturation by 10% instead.





8555827



8555827

16777215



6845465



12174182



5135104



14016128



3556096



15924123



1846528



16777142



6656



16777170



0



16777199



8555827



8555827



8424741



8686913

■ 8359191

■ 8752463

■ 8228105

■ 8883549

■ 8162560

■ 9014635

■ 9145722

■ 9211272

■ 9342358

■ 9473444

■ 9604530

# Harmonies

## Analogous

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



11108400



8555827



5281359

# Triad

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



8555827



39110



13460374

# Complementary

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



8555827



4076429

# 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.



11366588



8555827



36825

# Square

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



8555827



39843



7504341



13919084

# Rectangle

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



8555827



1087849



7504341



12936868



# Sweetspot

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



8555827



11778197



9256499



5856327



14408667



6052956



# Same Dimension

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



8555827



10926122



5672243



4671296



7833344



460800



# Inverse Universe

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



4076429



3943096



7025549



4276295



1114247



65544



# Previews

## White Background



This preview shows how the Decimal color 8555827 looks on a white background.

## Color Contrast Check

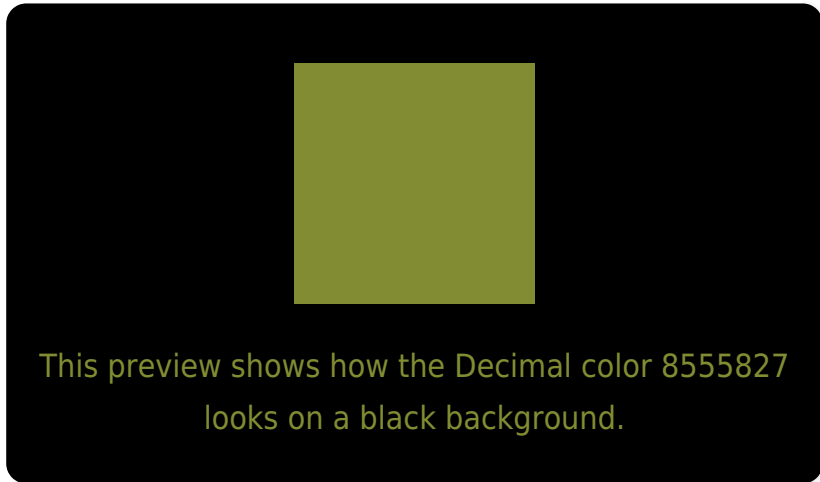
Large Text (above 18pt) WCAG AA ✓ Pass

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 8555827 Background



This preview shows how black text looks on a background with the Decimal color 8555827.




This preview shows how white text looks on a background with the Decimal color 8555827.

# 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**  
9143438

# Trichromacy



**Original Color**  
8555827

**Protanomaly**  
9406770

**Deuteranomaly**  
10126646

**Tritanomaly**  
8947565

# Monochromacy



**Original Color**  
8555827

**Achromatopsia**  
8355711

**Achromatomaly**  
8422499

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8555827 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 #828D33 looks like.

```
.text, #text, p{  
  color:#828D33  
}
```

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 #828D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828D33
}
```

## Border

The CSS property to change the border of an element to Decimal 8555827 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
#828D33 }
```

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

```
.border{ border-color:#828D33 }
```

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

Here you see how a box with a 4 pixel #828D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828D33; -webkit-box-shadow:4px 4px  
4px 4px #828D33; box-shadow:4px 4px 4px  
4px #828D33 }
```

# Background

The CSS property to change the background color of an element to Decimal 8555827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828D33 }
```

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

```
.background{ background-color:#828D33 }
```

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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