

# Converting Colors

Decimal(8555630)

Have a look what the booklet for  
Decimal(8555630) contains.

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# Color

**Decimal(8555630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	828C6E
RGB	130, 140, 110
RGB Percent	51%, 55%, 43%
CMY	0.4902, 0.4510, 0.5686
CMYK	0.07, 0.00, 0.21, 0.45
HSL	80°, 12%, 49%
HSV	80°, 21%, 55%
XYZ	21.3985, 24.6278, 18.3777
YIQ	133.5900, 3.6700, -11.4500

# Conversions

## Conversions Part 2

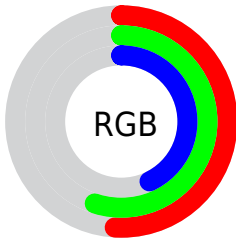
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 140, 120
Decimal	8555630
CIE <sub>Lab</sub>	56.71, -9.24, 14.84
CIE <sub>LCh</sub>	57, 17.477, 121.910
Yxy	24.6278, 0.3323, 0.3824
Android (android.graphics.Color)	4286745710 (0xFF828C6E)
YUV	133.5900, -11.6299, -3.1484
Hunter-Lab	49.6264, -9.8785, 12.7822

# Details

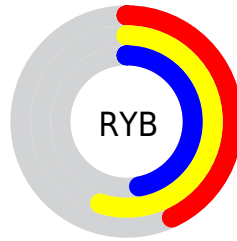
The Decimal color **8555630** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7892620**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **12042914**, and **5265982** is the 20% darker color. If you saturate the color by 10%, you get **8227936**, and if you desaturate by 10%, it is **8883324**.

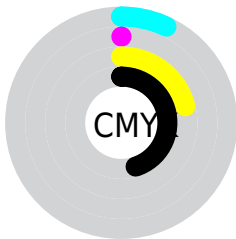
# Distribution



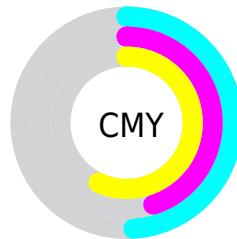
- Red (51%)
- Green (55%)
- Blue (43%)



- Red (43%)
- Yellow (55%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8555630 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 8555630 by changing the saturation by 10% instead.





8555630



8555630

16777215



6910806



12042914



5265982



13884861



3752744



15727321



2305043



16777205



858112



0



8555630



8555630



8227936



8883324



7965778



9145482

■ 7638084

■ 9473176

■ 7310390

■ 9800870

■ 7048232

■ 10063028

■ 6720538

■ 10390722

■ 6392844

■ 10718416

■ 6130688

■ 10980574

■ 11308268

# Harmonies

## Analogous

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



9668458



8555630



7442297

# Triad

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



8555630



6720930



10911112

# Complementary

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



8555630



7892620

# 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.



10321815



8555630



7899558

# Square

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



8555630



6197400



9208994



10976889

# Rectangle

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



8555630



6787459



9208994



10780301



# Sweetspot

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



8555630



11646378



9205870



5921877



14408667



6052956



# Same Dimension

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



8555630



10859910



7572590



4408638



5801216



197888



# Inverse Universe

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



7892620



9864885



8875660



4210245



2883717



131077



# Previews

## White Background



This preview shows how the Decimal color 8555630 looks on a white background.

## Color Contrast Check

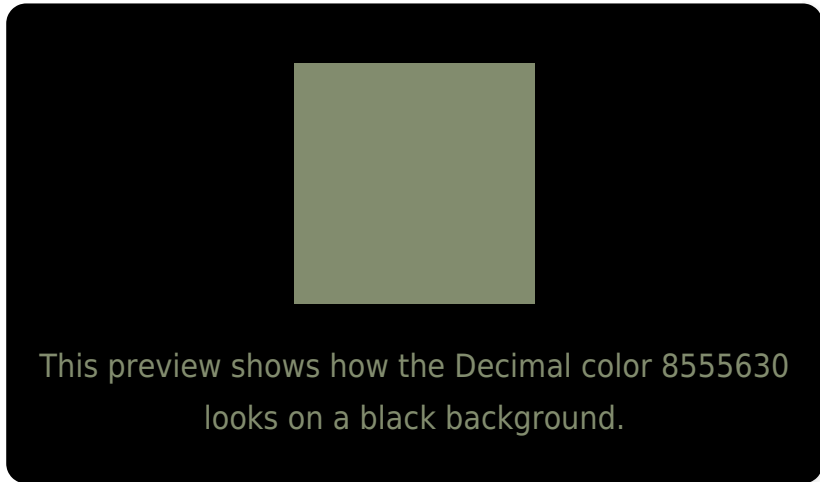
Large Text (above 18pt) WCAG AA ✓ Pass

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

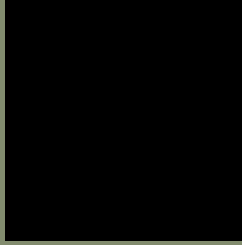
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

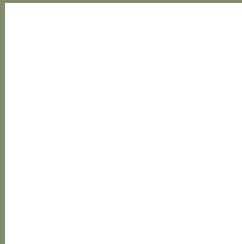
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8555630 Background



This preview shows how black text looks on a background with the Decimal color 8555630.



This preview shows how white text looks on a background with the Decimal color 8555630.

# 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**  
8555630

**Protanopia**  
9472108

**Deuteranopia**  
10322800



# Trichromacy



**Original Color**  
8555630

**Protanomaly**  
9144685

**Deuteranomaly**  
9668207

**Tritanomaly**  
8751493

# Monochromacy



**Original Color**  
8555630

**Achromatopsia**  
8816262

**Achromatomaly**  
8751229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8555630 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 #828C6E looks like.

```
.text, #text, p{  
  color:#828C6E  
}
```

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 #828C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828C6E
}
```

## Border

The CSS property to change the border of an element to Decimal 8555630 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
#828C6E }
```

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

```
.border{ border-color:#828C6E }
```

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

Here you see how a box with a 4 pixel #828C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828C6E; -webkit-box-shadow:4px 4px  
4px 4px #828C6E; box-shadow:4px 4px 4px  
4px #828C6E }
```

# Background

The CSS property to change the background color of an element to Decimal 8555630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828C6E }
```

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

```
.background{ background-color:#828C6E }
```

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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