

# Converting Colors

Decimal(8533080)

Have a look what the booklet for  
Decimal(8533080) contains.

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**Color**

**Decimal(8533080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	823458
RGB	130, 52, 88
RGB Percent	51%, 20%, 35%
CMY	0.4902, 0.7961, 0.6549
CMYK	0.00, 0.60, 0.32, 0.49
HSL	332°, 43%, 36%
HSV	332°, 60%, 51%
XYZ	12.1954, 7.9064, 10.1158
YIQ	79.4260, 34.9320, 27.7320

# Conversions

## Conversions Part 2

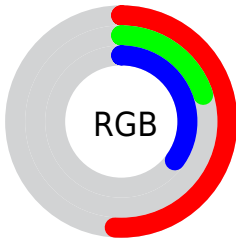
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 52, 88
Decimal	8533080
CIE <sub>Lab</sub>	33.79, 37.59, -4.74
CIE <sub>LCh</sub>	34, 37.885, 352.809
Yxy	7.9064, 0.4036, 0.2616
Android (android.graphics.Color)	4286723160 (0xFF823458)
YUV	79.4260, 4.2270, 44.3534
Hunter-Lab	28.1183, 28.2113, -1.6474

# Details

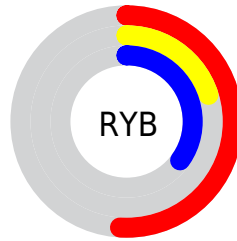
The Decimal color **8533080** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3441246**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **12150410**, and **5046315** is the 20% darker color. If you saturate the color by 10%, you get **8529745**, and if you desaturate by 10%, it is **8536415**.

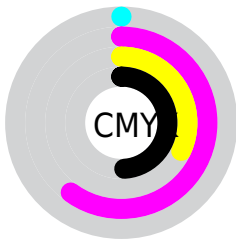
# Distribution



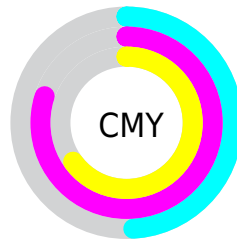
- Red (51%)
- Green (20%)
- Blue (35%)



- Red (51%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (32%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8533080 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 8533080 by changing the saturation by 10% instead.




 8533080

 8533080

16777215

 6756929

 12150410

 5046315

 14057636

 3473430

 15965119

 1507328

 16758747

 0

 16765943

 16773119

 8533080

 8533080

 8529745

 8536415

8526410

8539750

8523075

8543085

8519740

8546420

8549755

8553090

8556425

8559760

8563095

# Harmonies

## Analogous

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



7159412



8533080



8795450

# Triad

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



8533080



4805906



23423

# Complementary

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



8533080



3441246

# 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.



24166



8533080



2251561

# Square

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



8533080



6638350



23879



21899

# Rectangle

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



8533080



8404008



23879



23672



# Sweetspot

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



8533080



11045528



6173826



5521994



13948116



5526612



# Same Dimension

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



8533080



11022183



8533812



4208956



8388667



0



# Inverse Universe

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



8533080



11022183



3440514



4208956



8388667

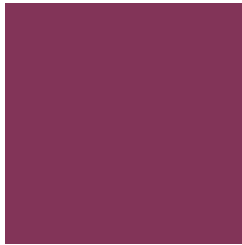


0



# Previews

## White Background



This preview shows how the Decimal color 8533080 looks on a white background.

## Color Contrast Check

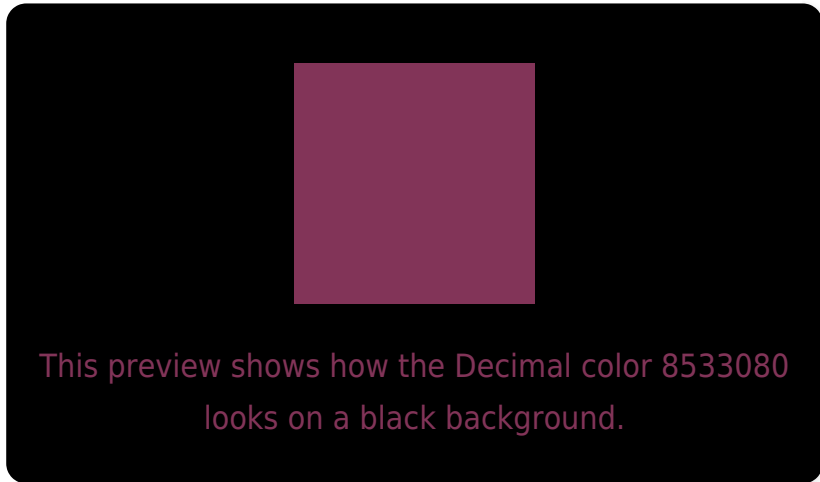
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

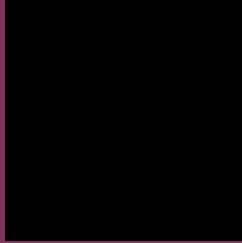
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8533080 Background



This preview shows how black text looks on a background with the Decimal color 8533080.

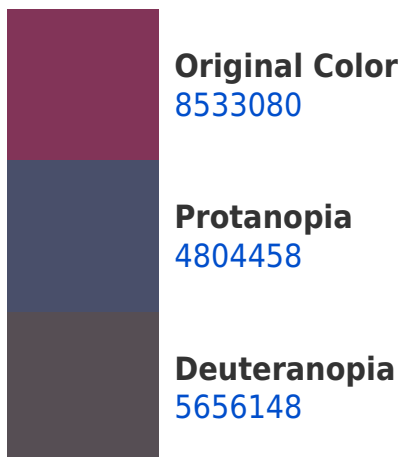



This preview shows how white text looks on a background with the Decimal color 8533080.

# 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**  
8403518

# Trichromacy



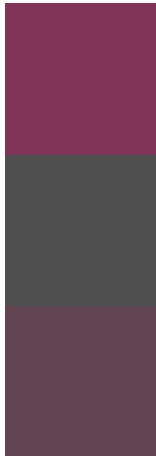
**Original Color**  
8533080

**Protanomaly**  
6178147

**Deuteranomaly**  
6702421

**Tritanomaly**  
8468551

# Monochromacy



**Original Color**  
8533080

**Achromatopsia**  
5197647

**Achromatomaly**  
6440274

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8533080 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 #823458 looks like.

```
.text, #text, p{  
  color:#823458  
}
```

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 #823458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823458
}
```

## Border

The CSS property to change the border of an element to Decimal 8533080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

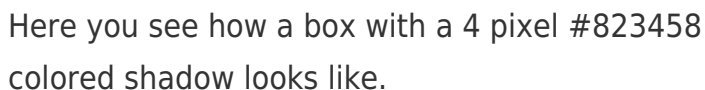
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823458 }
```

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

```
.border{ border-color:#823458 }
```

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



Here you see how a box with a 4 pixel #823458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823458; -webkit-box-shadow:4px 4px  
4px 4px #823458; box-shadow:4px 4px 4px  
4px #823458 }
```

# Background

The CSS property to change the background color of an element to Decimal 8533080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823458 }
```

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

```
.background{ background-color:#823458 }
```

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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