

Converting Colors

Decimal(8468828)

Have a look what the booklet for
Decimal(8468828) contains.

Decimal(8468828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8468828)

Conversions

Conversions Part 1

Format	Color
Hex	81395C
RGB	129, 57, 92
RGB Percent	51%, 22%, 36%
CMY	0.4941, 0.7765, 0.6392
CMYK	0.00, 0.56, 0.29, 0.49
HSL	331°, 39%, 36%
HSV	331°, 56%, 51%
XYZ	12.4482, 8.3661, 11.0839
YIQ	82.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

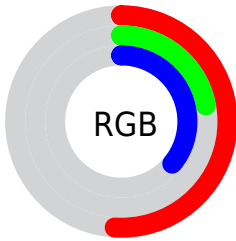
Format	Color
R_{YB}	129, 57, 92
Decimal	8468828
CIE _{Lab}	34.73, 35.24, -5.91
CIE _{LCh}	35, 35.729, 350.475
Yxy	8.3661, 0.3902, 0.2623
Android (android.graphics.Color)	4286658908 (0xFF81395C)
YUV	82.5180, 4.6746, 40.7647
Hunter-Lab	28.9242, 26.2040, -2.4734

Details

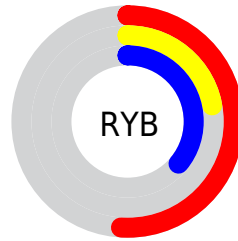
The Decimal color **8468828** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3768670**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **12086158**, and **5047342** is the 20% darker color. If you saturate the color by 10%, you get **8465493**, and if you desaturate by 10%, it is **8472163**.

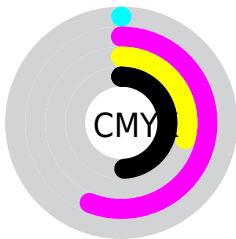
Distribution



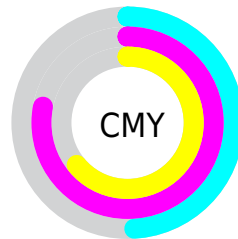
- Red (51%)
- Green (22%)
- Blue (36%)



- Red (51%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (56%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8468828 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 8468828 by changing the saturation by 10% instead.

8468828

8468828

16777215

6758468

12086158

5047342

13927849

3407898

15835332

1638401

16759776

0

16766972

16774399

8468828

8468828

8465493

8472163

8462159

8475497

8458824

8478832

8455489

8482167

8454207

8485501

8488580

8491914

8495249

8498584

Harmonies

Analogous

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



7029366



8468828



8796479

Triad

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



8468828



5133848



23933

Complementary

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



8468828



3768670

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.



24677



8468828



2907180

Square

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



8468828



6901014



24391



22410

Rectangle

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



8468828



8470318



24391



24182

Sweetspot

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



8468828



11046042



6109569



5522252



13948116



5526612

Same Dimension

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



8468828



11024494



8468793



4208956



8388670



0

Inverse Universe

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



8468828



11024494



3768705



4208956



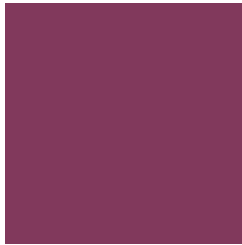
8388670



0

Previews

White Background



This preview shows how the Decimal color 8468828 looks on a white background.

Color Contrast Check

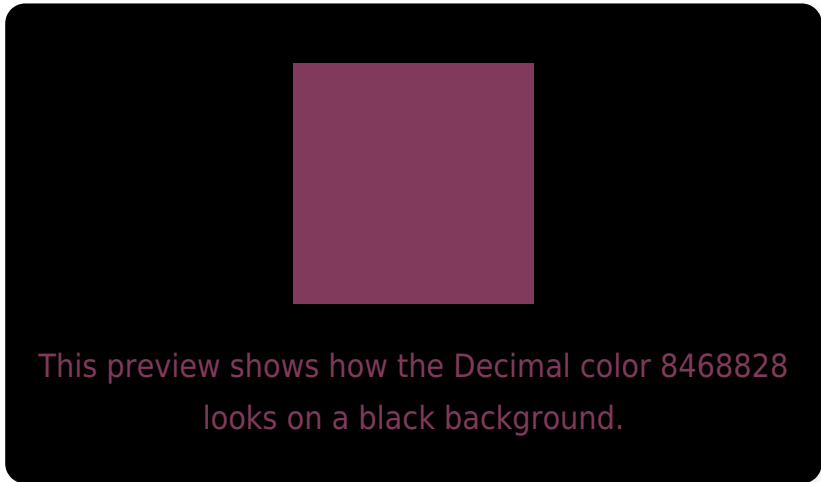
Large Text (above 18pt) WCAG AA ✓ Pass

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

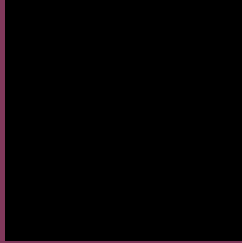
Any Text WCAG AA × Fail

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 8468828 Background



This preview shows how black text looks on a background with the Decimal color 8468828.




This preview shows how white text looks on a background with the Decimal color 8468828.

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
8339011

Trichromacy



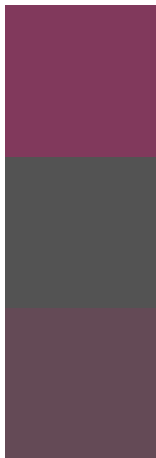
Original Color
8468828

Protanomaly
6244454

Deuteranomaly
6768729

Tritanomaly
8404044

Monochromacy



Original Color
8468828

Achromatopsia
5460819

Achromatomaly
6572630

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8468828 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 #81395C looks like.

```
.text, #text, p{  
    color:#81395C  
}
```

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 #81395C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81395C
}
```

Border

The CSS property to change the border of an element to Decimal 8468828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

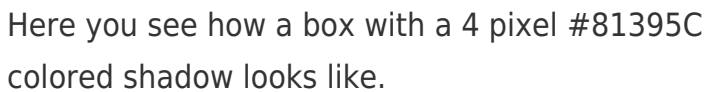
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81395C }
```

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

```
.border{ border-color:#81395C }
```

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



Here you see how a box with a 4 pixel #81395C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81395C; -webkit-box-shadow:4px 4px  
4px 4px #81395C; box-shadow:4px 4px 4px  
4px #81395C }
```

Background

The CSS property to change the background color of an element to Decimal 8468828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81395C }
```

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

```
.background{ background-color:#81395C }
```

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