

Converting Colors

Decimal(8668290)

Have a look what the booklet for
Decimal(8668290) contains.

Decimal(8668290)	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(8668290)

Conversions

Conversions Part 1

Format	Color
Hex	844482
RGB	132, 68, 130
RGB Percent	52%, 27%, 51%
CMY	0.4824, 0.7333, 0.4902
CMYK	0.00, 0.48, 0.02, 0.48
HSL	302°, 32%, 39%
HSV	302°, 48%, 52%
XYZ	15.6121, 10.6515, 22.3522
YIQ	94.2040, 18.2420, 32.8500

Conversions

Conversions Part 2

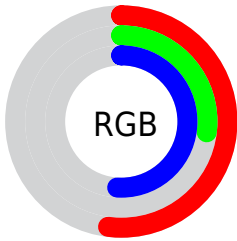
Format	Color
R_{YB}	132, 68, 130
Decimal	8668290
CIE _{Lab}	38.99, 36.81, -23.18
CIE _{LCh}	39, 43.502, 327.807
Yxy	10.6515, 0.3211, 0.2191
Android (android.graphics.Color)	4286858370 (0xFF844482)
YUV	94.2040, 17.6474, 33.1471
Hunter-Lab	32.6366, 28.2735, -17.7610

Details

The Decimal color **8668290** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4490310**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **12285879**, and **5247568** is the 20% darker color. If you saturate the color by 10%, you get **8664962**, and if you desaturate by 10%, it is **8671618**.

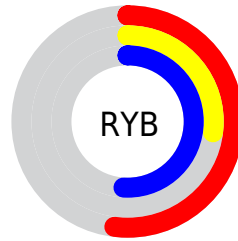
Distribution



Red (52%)

Green (27%)

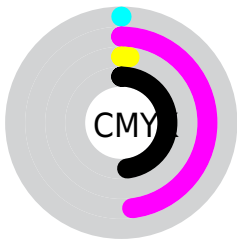
Blue (51%)



Red (52%)

Yellow (27%)

Blue (51%)

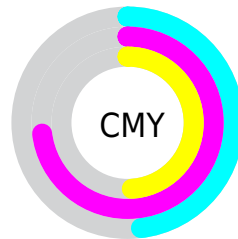


Cyan (0%)

Magenta (48%)

Yellow (2%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8668290 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 8668290 by changing the saturation by 10% instead.



8668290



8668290

16777215



6958185



12285879



5247568



14127571



3670073



16035055



2359332



16763135



10



16770303



0



8668290



8668290



8664962



8671618



8661633



8674947

8658049

8678531

8654720

8681860

8651392

8685188

8650880

8688516

8691845

8695429

8698758

Harmonies

Analogous

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



5723291



8668290



10041952

Triad

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



8668290



7362827



27772

Complementary

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



8668290



4490310

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.



27736



8668290



5071638

Square

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



8668290



9128735



1600052



27031

Rectangle

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



8668290



10238792



1600052



28016

Sweetspot

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



8668290



11243946



4539524



5719894



14079702



5723991

Same Dimension

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



8668290



11225256



8668259



4340802



8519806



196610

Inverse Universe

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



8668290



11225256



4490341



4340802



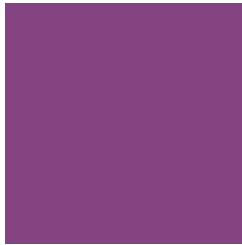
8519806



196610

Previews

White Background



This preview shows how the Decimal color 8668290 looks on a white background.

Color Contrast Check

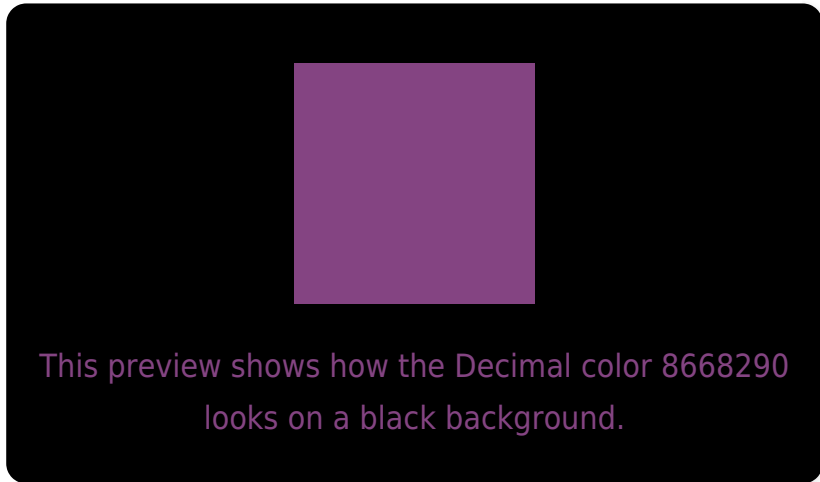
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

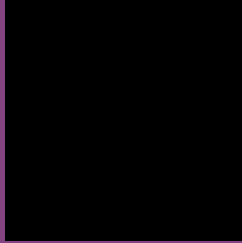
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 8668290 Background



This preview shows how black text looks on a background with the Decimal color 8668290.



This preview shows how white text looks on a background with the Decimal color 8668290.

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
8668290

Protanopia
4610709

Deuteranopia
5397374

Trichromacy



Original Color
8668290

Protanomaly
6115982

Deuteranomaly
6574975

Tritanomaly
8407909

Monochromacy



Original Color
8668290

Achromatopsia
6184542

Achromatomaly
7099755

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8668290 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 #844482 looks like.

```
.text, #text, p{  
    color:#844482  
}
```

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 #844482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844482
}
```

Border

The CSS property to change the border of an element to Decimal 8668290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

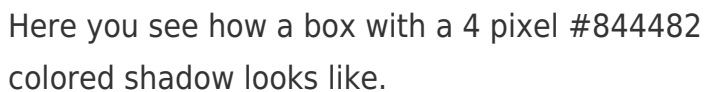
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844482 }
```

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

```
.border{ border-color:#844482 }
```

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



Here you see how a box with a 4 pixel #844482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844482; -webkit-box-shadow:4px 4px  
4px 4px #844482; box-shadow:4px 4px 4px  
4px #844482 }
```

Background

The CSS property to change the background color of an element to Decimal 8668290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844482 }
```

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

```
.background{ background-color:#844482 }
```

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