

Converting Colors

Decimal(8010330)

Have a look what the booklet for
Decimal(8010330) contains.

Decimal(8010330)	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(8010330)

Conversions

Conversions Part 1

Format	Color
Hex	7A3A5A
RGB	122, 58, 90
RGB Percent	48%, 23%, 35%
CMY	0.5216, 0.7725, 0.6471
CMYK	0.00, 0.52, 0.26, 0.52
HSL	330°, 36%, 35%
HSV	330°, 52%, 48%
XYZ	11.3846, 7.9019, 10.5980
YIQ	80.7840, 27.8720, 23.5200

Conversions

Conversions Part 2

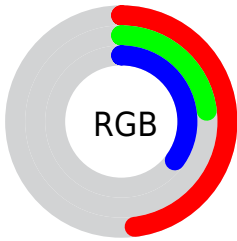
Format	Color
R_{YB}	122, 58, 90
Decimal	8010330
CIE _{Lab}	33.78, 31.91, -6.18
CIE _{LCh}	34, 32.502, 349.046
Yxy	7.9019, 0.3810, 0.2644
Android (android.graphics.Color)	4286200410 (0xFF7A3A5A)
YUV	80.7840, 4.5435, 36.1464
Hunter-Lab	28.1103, 23.0989, -2.6761




Details

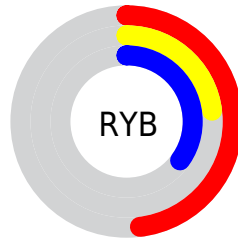
The Decimal color **8010330** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3832410**, and the grayscale version is **5329233**.




A 20% lighter version of the original color is **11561868**, and **4655148** is the 20% darker color. If you saturate the color by 10%, you get **8007252**, and if you desaturate by 10%, it is **8013408**.

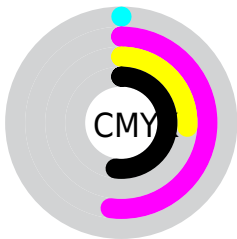
Distribution







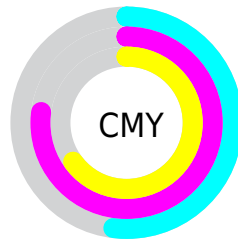
-  Red (48%)
-  Green (23%)
-  Blue (35%)






-  Red (48%)
-  Yellow (23%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (26%)
-  Black (52%)



-  Cyan (52%)
-  Magenta (77%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8010330 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 8010330 by changing the saturation by 10% instead.

 8010330

 8010330


16777215

 6300227

 11561868

 4655148

 13403558

 3080216

 15311042


 851968


 16759773

 0


 16766970

 16774399

 8010330

 8010330

 8007252

 8013408

8004174

8016486

8000840

8019820

7997762

8022898

7995453

8025977

8029055

8032133

8035467

8038545

Harmonies

Analogous

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



6701681



8010330



8337984

Triad

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



8010330



5133084



23158

Complementary

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



8010330



3832410

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.



23647



8010330



3168556

Square

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



8010330



6703899



23621



21890

Rectangle

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



8010330



8076848



23621



23407

Sweetspot

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



8010330



10388881



5913210



5193800



13619151



5197647

Same Dimension

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



8010330



10369644



8010298



4011834



8192062



16515198

Inverse Universe

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



8010330



10369644



3832442



4011834



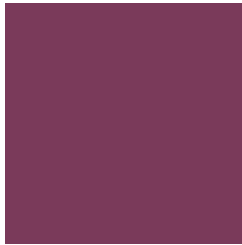
8192062



16515198

Previews

White Background



This preview shows how the Decimal color 8010330 looks on a white background.

Color Contrast Check

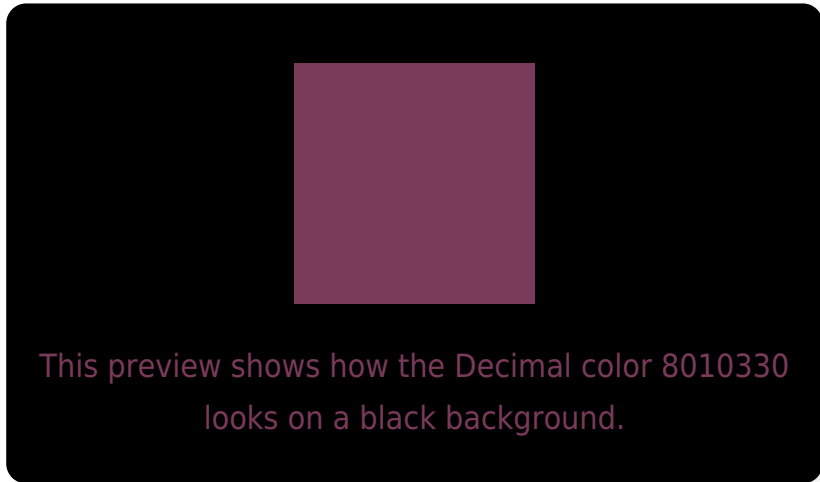
Large Text (above 18pt) WCAG AA ✓ Pass

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 8010330 Background



This preview shows how black text looks on a background with the Decimal color 8010330.

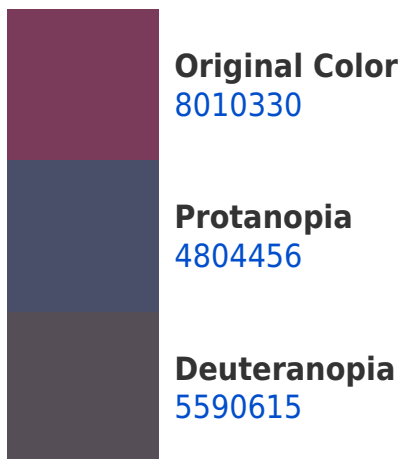


This preview shows how white text looks on a background with the Decimal color 8010330.

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



Trichromacy



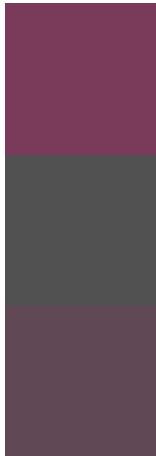
Original Color
8010330

Protanomaly
5982051

Deuteranomaly
6440792

Tritanomaly
7945547

Monochromacy



Original Color
8010330

Achromatopsia
5329233

Achromatomaly
6310228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8010330 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 #7A3A5A looks like.

```
.text, #text, p{  
  color:#7A3A5A  
}
```

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 #7A3A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3A5A
}
```

Border

The CSS property to change the border of an element to Decimal 8010330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

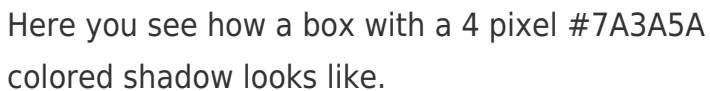
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3A5A }
```

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

```
.border{ border-color:#7A3A5A }
```

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



Here you see how a box with a 4 pixel #7A3A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3A5A; -webkit-box-shadow:4px 4px  
4px 4px #7A3A5A; box-shadow:4px 4px 4px  
4px #7A3A5A }
```

Background

The CSS property to change the background color of an element to Decimal 8010330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3A5A }
```

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

```
.background{ background-color:#7A3A5A }
```

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