

Converting Colors

Decimal(8010280)

Have a look what the booklet for
Decimal(8010280) contains.

Decimal(8010280)	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(8010280)

Conversions

Conversions Part 1

Format	Color
Hex	7A3A28
RGB	122, 58, 40
RGB Percent	48%, 23%, 16%
CMY	0.5216, 0.7725, 0.8431
CMYK	0.00, 0.52, 0.67, 0.52
HSL	13°, 51%, 32%
HSV	13°, 67%, 48%
XYZ	9.9221, 7.3169, 2.8968
YIQ	75.0840, 43.9220, 7.9700

Conversions

Conversions Part 2

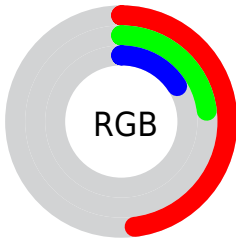
Format	Color
R_{YB}	122, 63, 40
Decimal	8010280
CIE Lab	32.52, 26.30, 23.95
CIE LCh	33, 35.568, 42.317
Yxy	7.3169, 0.4928, 0.3634
Android (android.graphics.Color)	4286200360 (0xFF7A3A28)
YUV	75.0840, -17.2964, 41.1453
Hunter-Lab	27.0497, 18.1384, 12.5853

Details

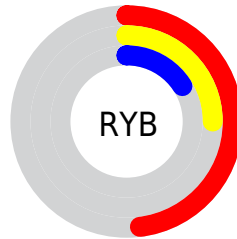
The Decimal color **8010280** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2648186**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **11692886**, and **4524800** is the 20% darker color. If you saturate the color by 10%, you get **8007708**, and if you desaturate by 10%, it is **8012852**.

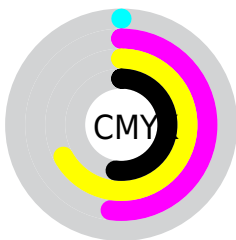
Distribution



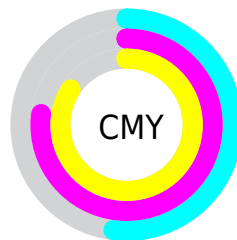
- Red (48%)
- Green (23%)
- Blue (16%)



- Red (48%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (67%)
- Black (52%)



- Cyan (52%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8010280 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 8010280 by changing the saturation by 10% instead.

 8010280

 8010280

16777215

 6234899

 11692886

 4524800

 13599854

 2883584

 15572872

 0


 16759458

 16766653

 16773849

 16777205

 8010280

 8010280

■ 8007708

■ 8012852

■ 8005392

■ 8015168

■ 8002819

■ 8017741

■ 8002304

■ 8020057

■ 8022629

■ 8024945

■ 8027517

■ 8029834

■ 8032406

Harmonies

Analogous

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



8401730



8010280



6898965

Triad

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



8010280



22842



2903171

Complementary

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



8010280



2648186

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.



21634



8010280



23128

Square

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



8010280



3233057



22898



6111350

Rectangle

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



8010280



5852175



22898



610180

Sweetspot

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



8010280



10388862



8005736



5193788



13619151



5197647

Same Dimension

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



8010280



10369566



8020776



4012087



8198912



16529152

Inverse Universe

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



2648186



1999518



2637690



3619901



25213



50684

Previews

White Background



This preview shows how the Decimal color 8010280 looks on a white background.

Color Contrast Check

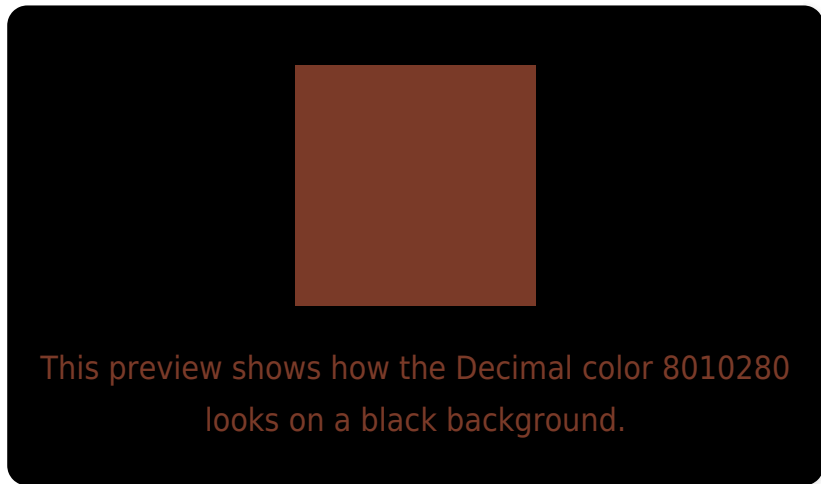
Large Text (above 18pt) WCAG AA ✓ Pass

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

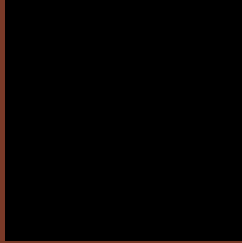
Any Text WCAG AA × Fail

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 8010280 Background



This preview shows how black text looks on a background with the Decimal color 8010280.

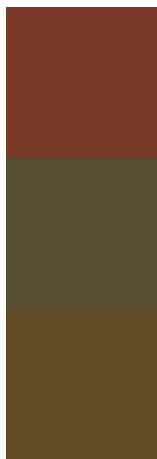


This preview shows how white text looks on a background with the Decimal color 8010280.

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
8010280

Protanopia
5524783

Deuteranopia
6244901

Trichromacy



Original Color
8010280

Protanomaly
6440492

Deuteranomaly
6898726

Tritanomaly
8075572

Monochromacy



Original Color
8010280

Achromatopsia
4934475

Achromatomaly
6047038

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8010280 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 #7A3A28 looks like.

```
.text, #text, p{  
    color:#7A3A28  
}
```

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 #7A3A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3A28
}
```

Border

The CSS property to change the border of an element to Decimal 8010280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

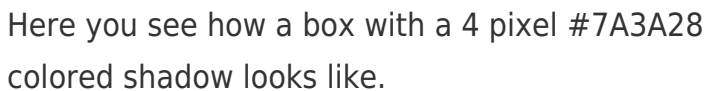
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3A28 }
```

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

```
.border{ border-color:#7A3A28 }
```

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



Here you see how a box with a 4 pixel #7A3A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3A28; -webkit-box-shadow:4px 4px  
4px 4px #7A3A28; box-shadow:4px 4px 4px  
4px #7A3A28 }
```

Background

The CSS property to change the background color of an element to Decimal 8010280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3A28 }
```

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

```
.background{ background-color:#7A3A28 }
```

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