

# Converting Colors

Decimal(10827828)

Have a look what the booklet for  
Decimal(10827828) contains.

<b>Decimal(10827828)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(10827828)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A53834
RGB	165, 56, 52
RGB Percent	65%, 22%, 20%
CMY	0.3529, 0.7804, 0.7961
CMYK	0.00, 0.66, 0.68, 0.35
HSL	2°, 52%, 43%
HSV	2°, 68%, 65%
XYZ	17.5511, 11.0756, 4.4616
YIQ	88.1350, 66.2480, 21.8640

# Conversions

## Conversions Part 2

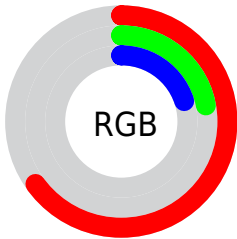
Format	Color
R <sub>Y</sub> B	165, 56, 52
Decimal	10827828
CIE Lab	39.71, 44.61, 27.10
CIE LCh	40, 52.191, 31.277
Yxy	11.0756, 0.5304, 0.3347
Android (android.graphics.Color)	4289017908 (0xFFA53834)
YUV	88.1350, -17.8146, 67.4106
Hunter-Lab	33.2800, 35.8963, 15.3475

# Details

The Decimal color **10827828** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3449253**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **14773603**, and **6946824** is the 20% darker color. If you saturate the color by 10%, you get **10823716**, and if you desaturate by 10%, it is **10831941**.

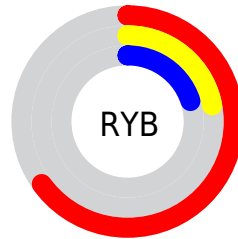
# Distribution



Red (65%)

Green (22%)

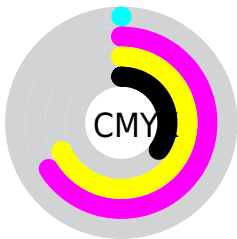
Blue (20%)



Red (65%)

Yellow (22%)

Blue (20%)

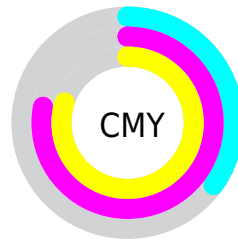


Cyan (0%)

Magenta (66%)

Yellow (68%)

Black (35%)



Cyan (35%)

Magenta (78%)

Yellow (80%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 10827828 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 10827828 by changing the saturation by 10% instead.



 10827828       10827828

16777215       8854559

 14773603       6946824

 16746364       5111808

 16753558       3407874

 16760752       65536

 16767948       0

 16775400

 10827828       10827828

 10823716       10831941

■ 10819603

■ 10836053

■ 10815490

■ 10840166

■ 10814976

■ 10844278

■ 10848390

■ 10852247

■ 10856359

■ 10860472

■ 10864584

# Harmonies

## Analogous

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



10956638



10827828



9456396

# Triad

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



10827828



28210



25267

# Complementary

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



10827828



3449253

# 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.



27816



10827828



29022

# Square

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



10827828



4548612



28809



6181287

# Rectangle

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



10827828



8083200



28809



26290



# Sweetspot

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



10827828



14068649



10826913



7033168



15461355



7039851



# Same Dimension

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



10827828



14036263



10842164



5392969



9504000



1179904



# Inverse Universe

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



3449253



2609366



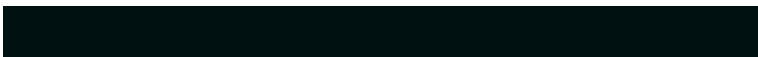
3434917



4804946



35985



4370



# Previews

## White Background



This preview shows how the Decimal color 10827828 looks on a white background.

## Color Contrast Check

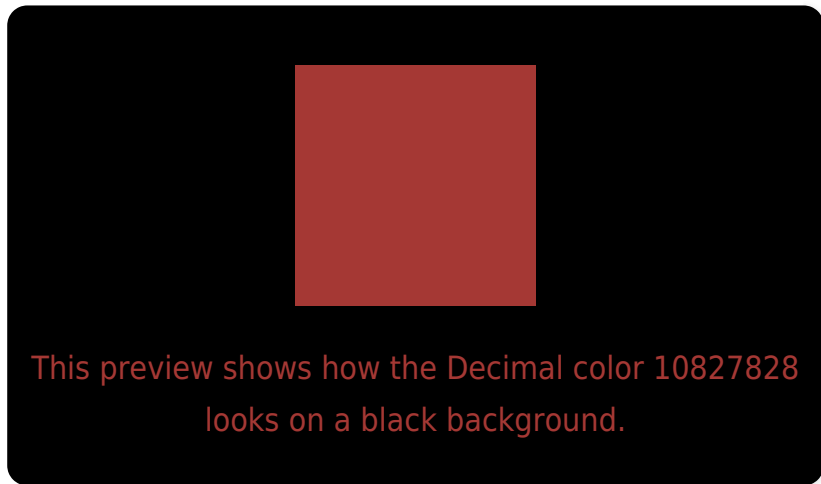
Large Text (above 18pt) WCAG AA ✓ Pass

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

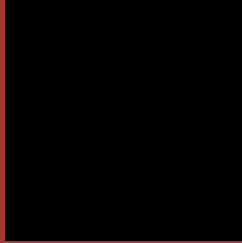
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10827828 Background



This preview shows how black text looks on a background with the Decimal color 10827828.

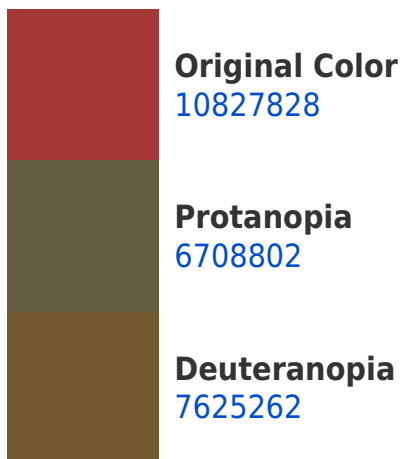


This preview shows how white text looks on a background with the Decimal color 10827828.

# 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



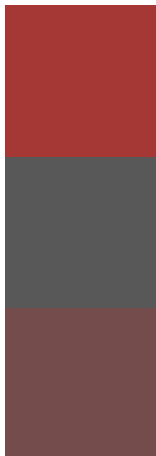
**Original Color**  
10827828

**Protanomaly**  
8212541

**Deuteranomaly**  
8801840

**Tritanomaly**  
10827576

# Monochromacy



**Original Color**  
10827828

**Achromatopsia**  
5789784

**Achromatomaly**  
7621707

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10827828 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 #A53834 looks like.

```
.text, #text, p{  
  color:#A53834  
}
```

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 #A53834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53834
}
```

## Border

The CSS property to change the border of an element to Decimal 10827828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

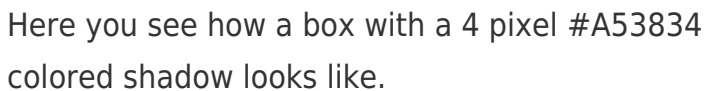
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A53834 }
```

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

```
.border{ border-color:#A53834 }
```

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



Here you see how a box with a 4 pixel #A53834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53834; -webkit-box-shadow:4px 4px  
4px 4px #A53834; box-shadow:4px 4px 4px  
4px #A53834 }
```

# Background

The CSS property to change the background color of an element to Decimal 10827828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53834 }
```

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

```
.background{ background-color:#A53834 }
```

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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