

# Converting Colors

Decimal(6830123)

Have a look what the booklet for  
Decimal(6830123) contains.

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# Color

**Decimal(6830123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68382B
RGB	104, 56, 43
RGB Percent	41%, 22%, 17%
CMY	0.5922, 0.7804, 0.8314
CMYK	0.00, 0.46, 0.59, 0.59
HSL	13°, 41%, 29%
HSV	13°, 59%, 41%
XYZ	7.5591, 5.9458, 3.0347
YIQ	68.8700, 32.7810, 6.1330

# Conversions

## Conversions Part 2

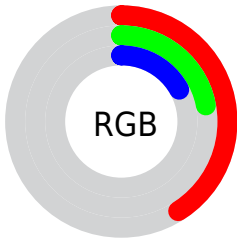
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 60, 43
Decimal	6830123
CIE Lab	29.28, 19.87, 17.42
CIE LCh	29, 26.425, 41.246
Yxy	5.9458, 0.4570, 0.3595
Android (android.graphics.Color)	4285020203 (0xFF68382B)
YUV	68.8700, -12.7539, 30.8090
Hunter-Lab	24.3841, 12.6635, 9.6898

# Details

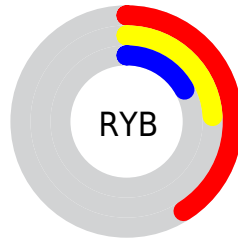
The Decimal color **6830123** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2841448**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **10381401**, and **3542016** is the 20% darker color. If you saturate the color by 10%, you get **6828065**, and if you desaturate by 10%, it is **6832181**.

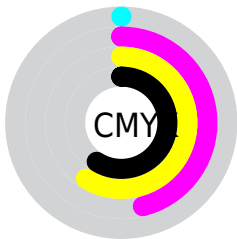
# Distribution



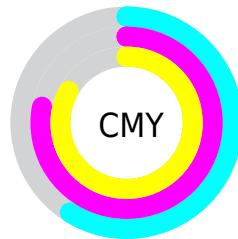
- Red (41%)
- Green (22%)
- Blue (17%)



- Red (41%)
- Yellow (24%)
- Blue (17%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6830123 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 6830123 by changing the saturation by 10% instead.





6830123



6830123

16777215



5120534



10381401



3542016



12222833



1966081



14064523



0



15972005



16765632



16772828



16777209



6830123



6830123

■ 6828065

■ 6832181

■ 6826006

■ 6834240

■ 6823692

■ 6836554

■ 6821633

■ 6838613

■ 6821376

■ 6840671

■ 6842729

■ 6844788

■ 6846846

■ 6849161

# Harmonies

## Analogous

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



7091262



6830123



6045470

# Triad

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



6830123



1330743



3229037

# Complementary

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



6830123



2841448

# 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.



19307



6830123



20300

# Square

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



6830123



3361573



20063



5324132

# Rectangle

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



6830123



5260315



20063



2246510



# Sweetspot

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



6830123



8877167



6826844



4536630



12895428



4539717



# Same Dimension

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



6830123



8863017



6837803



3354414



7542784



15873024



# Inverse Universe

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



2841448



2716551



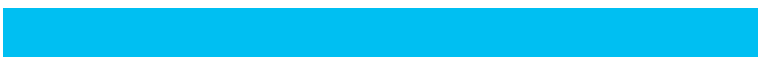
2833768



3027507



23155



49138



# Previews

## White Background



This preview shows how the Decimal color 6830123 looks on a white background.

## Color Contrast Check

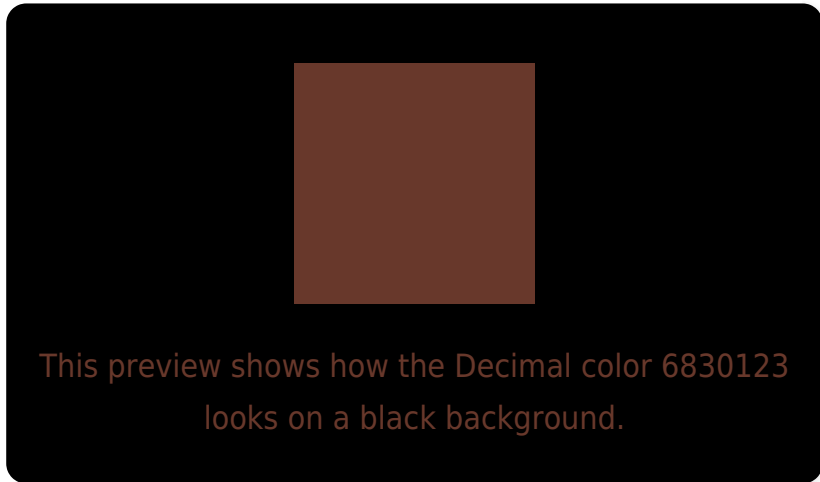
Large Text (above 18pt) WCAG AA ✓ Pass

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

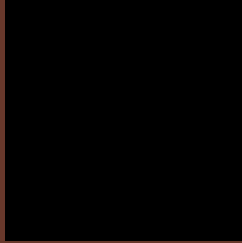
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6830123 Background



This preview shows how black text looks on a background with the Decimal color 6830123.

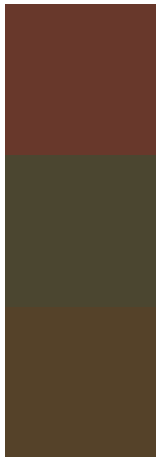


This preview shows how white text looks on a background with the Decimal color 6830123.

# 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**  
6830123

**Protanopia**  
4933168

**Deuteranopia**  
5587497



# Trichromacy



**Original Color**  
6830123

**Protanomaly**  
5652782

**Deuteranomaly**  
6045226

**Tritanomaly**  
6895413

# Monochromacy



**Original Color**  
6830123

**Achromatopsia**  
4539717

**Achromatomaly**  
5390396

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6830123 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 #68382B looks like.

```
.text, #text, p{  
  color:#68382B  
}
```

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 #68382B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68382B  
}
```

## Border

The CSS property to change the border of an element to Decimal 6830123 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".

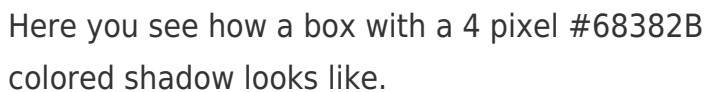
```
.border, #border, table{ border:4px solid  
#68382B }
```

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

```
.border{ border-color:#68382B }
```

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

Here you see how a box with a 4 pixel #68382B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68382B; -webkit-box-shadow:4px 4px  
4px 4px #68382B; box-shadow:4px 4px 4px  
4px #68382B }
```

# Background

The CSS property to change the background color of an element to Decimal 6830123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68382B }
```

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

```
.background{ background-color:#68382B }
```

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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