

# Converting Colors

Decimal(821080)

Have a look what the booklet for  
Decimal(821080) contains.

<b>Decimal(821080)</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(821080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C8758
RGB	12, 135, 88
RGB Percent	5%, 53%, 35%
CMY	0.9529, 0.4706, 0.6549
CMYK	0.91, 0.00, 0.35, 0.47
HSL	157°, 84%, 29%
HSV	157°, 91%, 53%
XYZ	10.5770, 18.1107, 12.1708
YIQ	92.8650, -58.2210, -40.6930

# Conversions

## Conversions Part 2

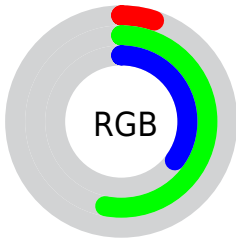
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 88, 135
Decimal	821080
CIE <sub>Lab</sub>	49.63, -42.39, 16.81
CIE <sub>LCh</sub>	50, 45.603, 158.365
Yxy	18.1107, 0.2589, 0.4433
Android (android.graphics.Color)	4279011160 (0xFF0C8758)
YUV	92.8650, -2.3984, -70.9186
Hunter-Lab	42.5567, -30.1097, 12.8333

# Details

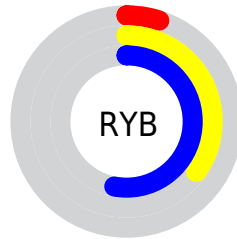
The Decimal color **821080** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8850491**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **5553546**, and **21546** is the 20% darker color. If you saturate the color by 10%, you get **34643**, and if you desaturate by 10%, it is **1738589**.

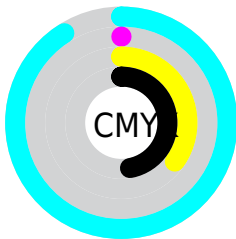
# Distribution



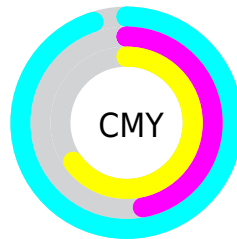
- Red (5%)
- Green (53%)
- Blue (35%)



- Red (5%)
- Yellow (35%)
- Blue (53%)



- Cyan (91%)
- Magenta (0%)
- Yellow (35%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 821080 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 821080 by changing the saturation by 10% instead.





821080



821080

16777215



27968



5553546



21546



7461285



15381



9303744



9984



11206620



0



13107192



15007743



821080



821080



34643



1738589

■ 2590562

■ 3508071

■ 4360045

■ 5212018

■ 6129527

■ 7047036

■ 7899009

■ 8750982

# Harmonies

## Analogous

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



5800246



821080



35200

# Triad

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



821080



4224963



12081992

# Complementary

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



821080



8850491

# 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.



12407661



821080



8808371

# Square

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



821080



33470



11425939



10644012

# Rectangle

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



821080



34970



11425939



12343123



# Sweetspot

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



821080



8433822



3901196



4020558



14277081



5855577



# Same Dimension

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



821080



45165



817543



3949120



33360



770



# Inverse Universe

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



8850491



11534403



8854028



4340798



8519730



196609



# Previews

## White Background



This preview shows how the Decimal color 821080 looks on a white background.

### Color Contrast Check

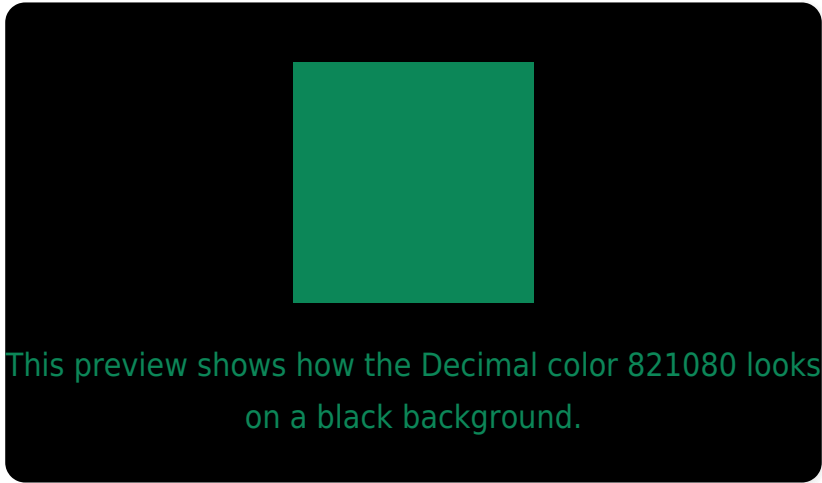
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 821080 Background



This preview shows how black text looks on a background with the Decimal color 821080.

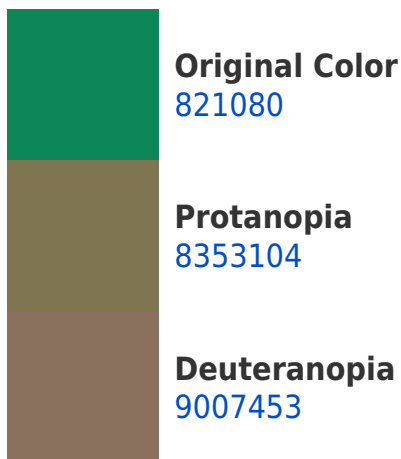


This preview shows how white text looks on a background with the Decimal color 821080.

# 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





**Tritanopia**  
3178891

# Trichromacy



**Original Color**  
821080



**Protanomaly**  
5602387



**Deuteranomaly**  
6060379



**Tritanomaly**  
2327416

# Monochromacy



**Original Color**  
821080



**Achromatopsia**  
6118749



**Achromatomaly**  
4222043

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 821080 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 #0C8758 looks like.

```
.text, #text, p{  
    color:#0C8758  
}
```

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 #0C8758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8758
}
```

## Border

The CSS property to change the border of an element to Decimal 821080 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
#0C8758 }
```

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

```
.border{ border-color:#0C8758 }
```

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

Here you see how a box with a 4 pixel #0C8758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8758; -webkit-box-shadow:4px 4px  
4px 4px #0C8758; box-shadow:4px 4px 4px  
4px #0C8758 }
```

# Background

The CSS property to change the background color of an element to Decimal 821080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8758 }
```

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

```
.background{ background-color:#0C8758 }
```

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**