

# Converting Colors

Decimal(4134980)

Have a look what the booklet for  
Decimal(4134980) contains.

<b>Decimal(4134980)</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(4134980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F1844
RGB	63, 24, 68
RGB Percent	25%, 9%, 27%
CMY	0.7529, 0.9059, 0.7333
CMYK	0.07, 0.65, 0.00, 0.73
HSL	293°, 48%, 18%
HSV	293°, 65%, 27%
XYZ	3.4199, 2.1274, 5.6992
YIQ	40.6770, 9.1200, 21.9520

# Conversions

## Conversions Part 2

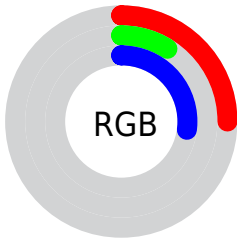
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 24, 68
Decimal	4134980
CIELab	16.14, 26.52, -19.40
CIElCh	16, 32.860, 323.823
Yxy	2.1274, 0.3041, 0.1892
Android (android.graphics.Color)	4282325060 (0xFF3F1844)
YUV	40.6770, 13.4702, 19.5773
Hunter-Lab	14.5856, 16.3287, -12.9573

# Details

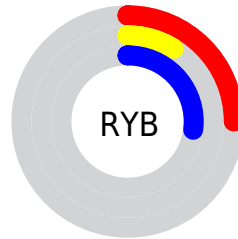
The Decimal color **4134980** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1917976**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **7358068**, and **720921** is the 20% darker color. If you saturate the color by 10%, you get **4067652**, and if you desaturate by 10%, it is **4202308**.

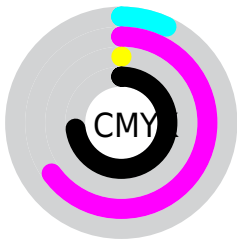
# Distribution



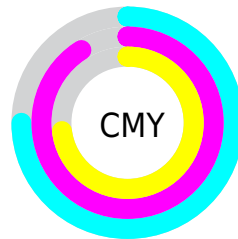
- Red (25%)
- Green (9%)
- Blue (27%)



- Red (25%)
- Yellow (9%)
- Blue (27%)



- Cyan (7%)
- Magenta (65%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (91%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4134980 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 4134980 by changing the saturation by 10% instead.





4134980



4134980

16777215



2621998



7358068



720921



9068174



0



10844073



12620228



14462176



16369661



16770303



4134980



4134980

■ 4067652

■ 4202308

■ 4000324

■ 4269636

■ 3998788

■ 4271172

■ 3932228

■ 4338500

■ 4405828

■ 4473156

■ 4474948

■ 4542020

■ 4609348

# Harmonies

## Analogous

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



1778771



4134980



5115182

# Triad

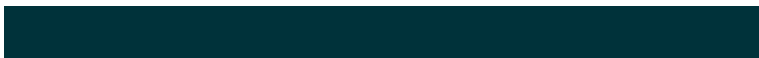
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4134980



3613952



12858

# Complementary

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



4134980



1917976

# 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.



12834



4134980



2239488

# Square

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



4134980



4725504



12296



12622

# Rectangle

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



4134980



5311774



12296



12851



# Sweetspot

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



4134980



5720153



1580356



2958126



11382189



3026478



# Same Dimension

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



4134980



5313625



4462643



2170401



5636193



13041888



# Inverse Universe

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



4462621



5837852



1590313



2170398



6357003

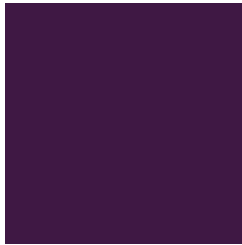


14680089



# Previews

## White Background



This preview shows how the Decimal color 4134980 looks on a white background.

## Color Contrast Check

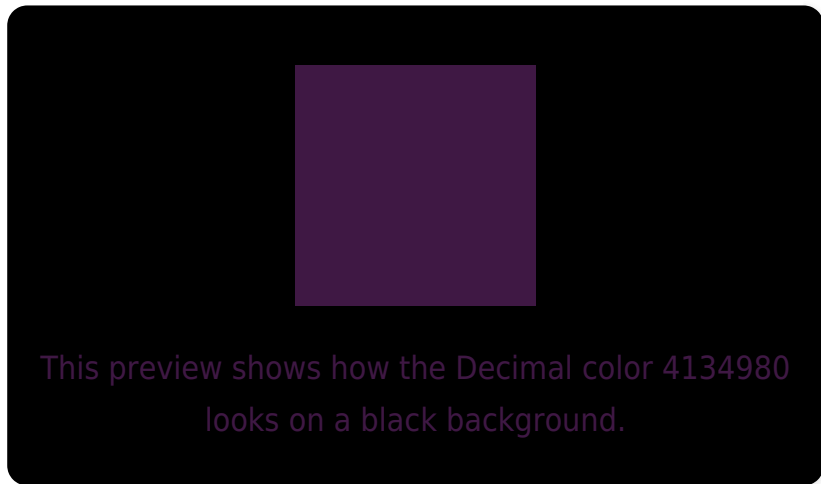
Large Text (above 18pt) WCAG AA ✓ Pass

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

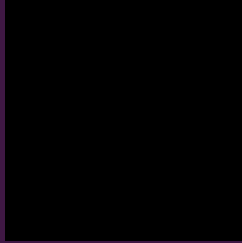
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4134980 Background



This preview shows how black text looks on a background with the Decimal color 4134980.



This preview shows how white text looks on a background with the Decimal color 4134980.

# 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**  
4134980

**Protanopia**  
665683

**Deuteranopia**  
1845569



# Trichromacy



**Original Color**  
4134980

**Protanomaly**  
1909326

**Deuteranomaly**  
2696002

**Tritanomaly**  
3939888

# Monochromacy



**Original Color**  
4134980

**Achromatopsia**  
2697513

**Achromatomaly**  
3220275

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4134980 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 #3F1844 looks like.

```
.text, #text, p{  
  color:#3F1844  
}
```

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 #3F1844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1844
}
```

## Border

The CSS property to change the border of an element to Decimal 4134980 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".

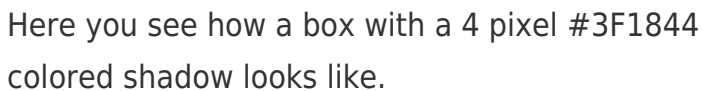
```
.border, #border, table{ border:4px solid
#3F1844 }
```

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

```
.border{ border-color:#3F1844 }
```

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

Here you see how a box with a 4 pixel #3F1844 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1844; -webkit-box-shadow:4px 4px  
4px 4px #3F1844; box-shadow:4px 4px 4px  
4px #3F1844 }
```

# Background

The CSS property to change the background color of an element to Decimal 4134980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1844 }
```

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

```
.background{ background-color:#3F1844 }
```

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