

# Converting Colors

Decimal(917812)

Have a look what the booklet for  
Decimal(917812) contains.

<b>Decimal(917812)</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(917812)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E0134
RGB	14, 1, 52
RGB Percent	5%, 0%, 20%
CMY	0.9451, 0.9961, 0.7961
CMYK	0.73, 0.98, 0.00, 0.80
HSL	255°, 96%, 10%
HSV	255°, 98%, 20%
XYZ	0.8118, 0.3630, 3.2761
YIQ	10.7010, -8.6230, 18.6170

# Conversions

## Conversions Part 2

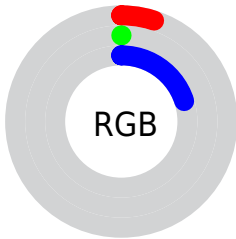
Format	Color
<a href="#">RYB</a>	<a href="#">14, 1, 52</a>
Decimal	<a href="#">917812</a>
CIELab	<a href="#">3.28, 19.12, -28.97</a>
CIElCh	<a href="#">3, 34.708, 303.429</a>
Yxy	<a href="#">0.3630, 0.1824, 0.0816</a>
Android (android.graphics.Color)	<a href="#">4279107892 (0xFF0E0134)</a>
YUV	<a href="#">10.7010, 20.3604, 2.8932</a>
Hunter-Lab	<a href="#">6.0250, 13.5069, -28.0215</a>

# Details

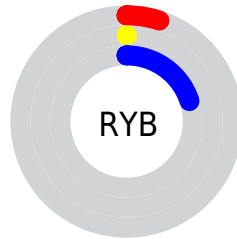
The Decimal color **917812** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2569217**, and the grayscale version is **723723**.

A 20% lighter version of the original color is **3878755**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **852020**, and if you desaturate by 10%, it is **1181236**.

# Distribution



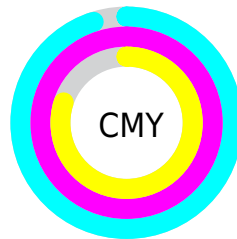
- Red (5%)
- Green (0%)
- Blue (20%)



- Red (5%)
- Yellow (0%)
- Blue (20%)



- Cyan (73%)
- Magenta (98%)
- Yellow (0%)
- Black (80%)



- Cyan (95%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 917812 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 917812 by changing the saturation by 10% instead.





917812



917812



16179967



542



3878755



0



5523068



7167382



8877745



10588365



12430057



14272255



917812



917812

■ 852020

■ 1181236

■ 1444660

■ 1708340

■ 1906228

■ 2169652

■ 2433076

■ 2696500

■ 2960180

■ 3223604

# Harmonies

## Analogous

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



3900



917812



2752547

# Triad

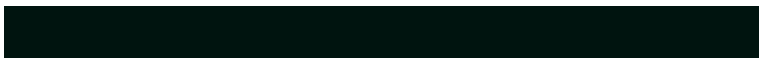
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



917812



2359296



5135

# Complementary

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



917812



2569217

# 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.



5120



917812



855296

# Square

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



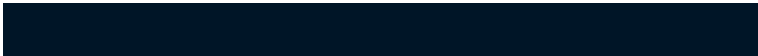
917812



3145728



5120



5415

# Rectangle

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



917812



3211284



5120



5122



# Sweetspot

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



917812



3551557



75572



1709860



10724259



2368548



# Same Dimension

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



917812



1179717



2556212



1578778



1507417



3604697



# Inverse Universe

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



3408167



4522035



930817



1709849



5832771

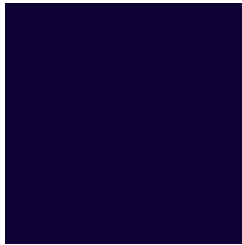


14221474



# Previews

## White Background



This preview shows how the Decimal color 917812 looks on a white background.

### Color Contrast Check

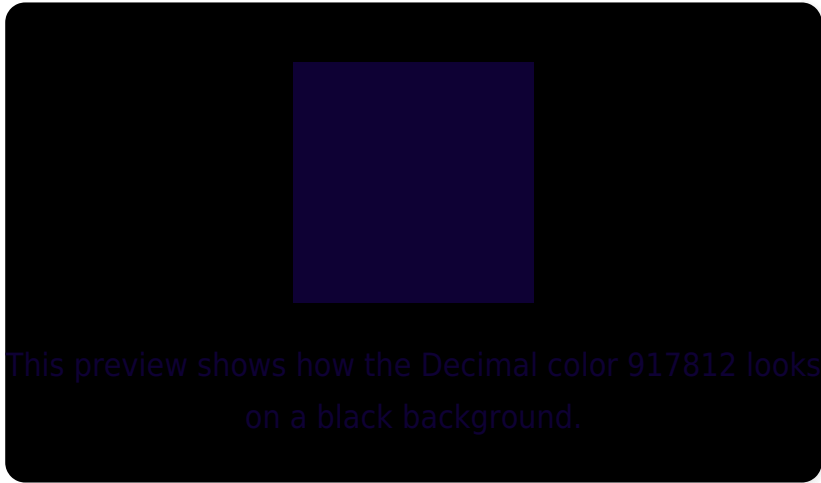
Large Text (above 18pt) WCAG AA ✓ Pass

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

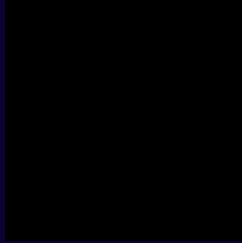
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 917812 Background



This preview shows how black text looks on a background with the Decimal color 917812.



This preview shows how white text looks on a background with the Decimal color 917812.

# 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**  
917812

**Protanopia**  
4130

**Deuteranopia**  
4381



# Trichromacy



**Original Color**  
917812

**Protanomaly**  
330537

**Deuteranomaly**  
330533

**Tritanomaly**  
330784

# Monochromacy



**Original Color**  
917812

**Achromatopsia**  
723723

**Achromatomaly**  
788250

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 917812 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 #0E0134 looks like.

```
.text, #text, p{  
    color:#0E0134  
}
```

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 #0E0134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0134
}
```

## Border

The CSS property to change the border of an element to Decimal 917812 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
#0E0134 }
```

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

```
.border{ border-color:#0E0134 }
```

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

Here you see how a box with a 4 pixel #0E0134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0134; -webkit-box-shadow:4px 4px  
4px 4px #0E0134; box-shadow:4px 4px 4px  
4px #0E0134 }
```

# Background

The CSS property to change the background color of an element to Decimal 917812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0134 }
```

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

```
.background{ background-color:#0E0134 }
```

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