

# Converting Colors

Decimal(1900593)

Have a look what the booklet for  
Decimal(1900593) contains.

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**Color**

**Decimal(1900593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D0031
RGB	29, 0, 49
RGB Percent	11%, 0%, 19%
CMY	0.8863, 1.0000, 0.8078
CMYK	0.41, 1.00, 0.00, 0.81
HSL	276°, 100%, 10%
HSV	276°, 100%, 19%
XYZ	1.0611, 0.4830, 2.9430
YIQ	14.2570, 1.5550, 21.3870

# Conversions

## Conversions Part 2

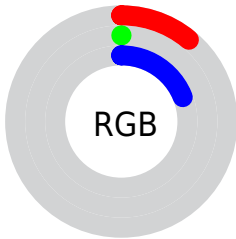
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 0, 49
Decimal	1900593
CIELab	4.36, 23.98, -24.91
CIELCh	4, 34.578, 313.904
Yxy	0.4830, 0.2365, 0.1076
Android (android.graphics.Color)	4280090673 (0xFF1D0031)
YUV	14.2570, 17.1283, 12.9296
Hunter-Lab	6.9495, 15.0921, -20.2437

# Details

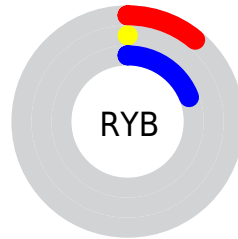
The Decimal color **1900593** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1323264**, and the grayscale version is **921102**.

A 20% lighter version of the original color is **4861280**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1900593**, and if you desaturate by 10%, it is **2032945**.

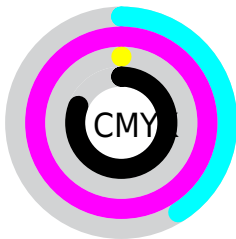
# Distribution



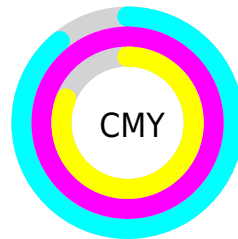
- Red (11%)
- Green (0%)
- Blue (19%)



- Red (11%)
- Yellow (0%)
- Blue (19%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (89%)
- Magenta (100%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1900593 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 1900593 by changing the saturation by 10% instead.



 1900593

 1900593

 16769535

 283

 4861280

 0

 6505593

 8150163

 9926061

 11702217

 13543909

 15386111

 1900593

■ 2032945

■ 2165297

■ 2297649

■ 2430001

■ 2562353

■ 2694449

■ 2826801

■ 2959153

■ 3091505

# Harmonies

## Analogous

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



3645



1900593



3211293

# Triad

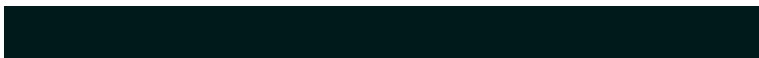
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1900593



2164736



6427

# Complementary

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



1900593



1323264

# 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.



6144



1900593



201472

# Square

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



1900593



3014656



6144



6703

# Rectangle

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



1900593



3473420



6144



6163



# Sweetspot

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



1900593



3681600



5169



1840417



10592673



2171169



# Same Dimension

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



1900593



2490432



3211309



1578778



3473497



8388825



# Inverse Universe

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



3211284



4194330



12548



1709848



5832740

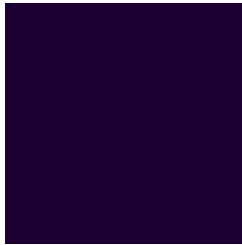


14221400



# Previews

## White Background



This preview shows how the Decimal color 1900593 looks on a white background.

## Color Contrast Check

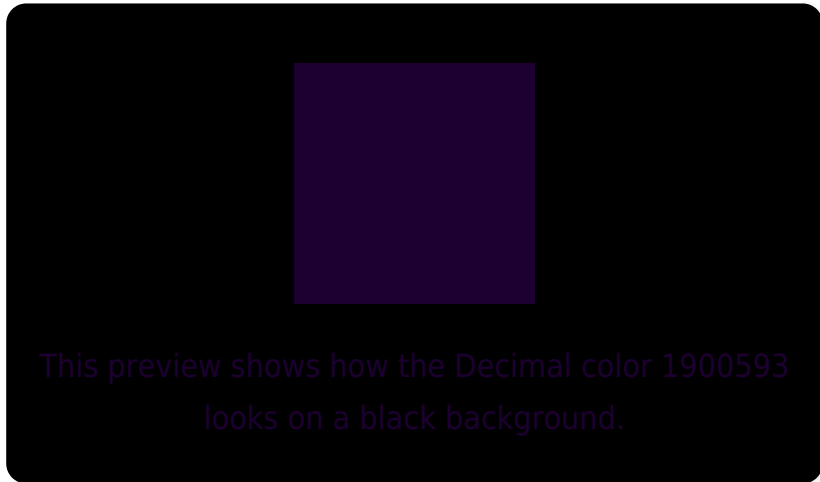
Large Text (above 18pt) WCAG AA ✓ Pass

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

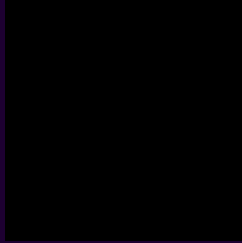
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1900593 Background



This preview shows how black text looks on a background with the Decimal color 1900593.



This preview shows how white text looks on a background with the Decimal color 1900593.

# 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**  
1900593

**Protanopia**  
5161

**Deuteranopia**  
5411



**Tritanopia**  
1512213

# Trichromacy



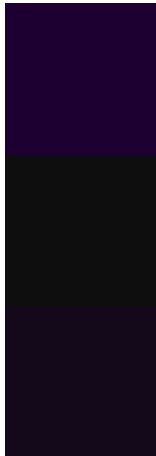
**Original Color**  
1900593

**Protanomaly**  
724268

**Deuteranomaly**  
724264

**Tritanomaly**  
1641503

# Monochromacy



**Original Color**  
1900593

**Achromatopsia**  
921102

**Achromatomaly**  
1247515

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1900593 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 #1D0031 looks like.

```
.text, #text, p{  
  color:#1D0031  
}
```

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 #1D0031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0031
}
```

## Border

The CSS property to change the border of an element to Decimal 1900593 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
#1D0031 }
```

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

```
.border{ border-color:#1D0031 }
```

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

Here you see how a box with a 4 pixel #1D0031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0031; -webkit-box-shadow:4px 4px  
4px 4px #1D0031; box-shadow:4px 4px 4px  
4px #1D0031 }
```

# Background

The CSS property to change the background color of an element to Decimal 1900593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0031 }
```

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

```
.background{ background-color:#1D0031 }
```

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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