

# Converting Colors

Decimal(1900633)

Have a look what the booklet for  
Decimal(1900633) contains.

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# Color

**Decimal(1900633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D0059
RGB	29, 0, 89
RGB Percent	11%, 0%, 35%
CMY	0.8863, 1.0000, 0.6510
CMYK	0.67, 1.00, 0.00, 0.65
HSL	260°, 100%, 17%
HSV	260°, 100%, 35%
XYZ	2.3099, 0.9825, 9.5191
YIQ	18.8170, -11.2850, 33.8270

# Conversions

## Conversions Part 2

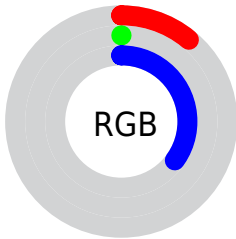
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	29, 0, 89
Decimal	1900633
CIE Lab	8.84, 37.74, -45.93
CIE LCh	9, 59.445, 309.409
Yxy	0.9825, 0.1803, 0.0767
Android (android.graphics.Color)	4280090713 (0xFF1D0059)
YUV	18.8170, 34.6002, 8.9305
Hunter-Lab	9.9120, 24.2511, -50.0013

# Details

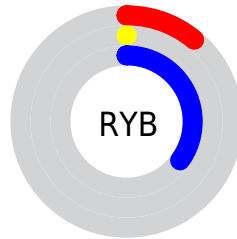
The Decimal color **1900633** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3954944**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **5517196**, and **810** is the 20% darker color. If you saturate the color by 10%, you get **1900633**, and if you desaturate by 10%, it is **2296153**.

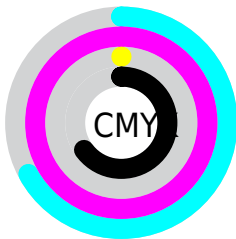
# Distribution



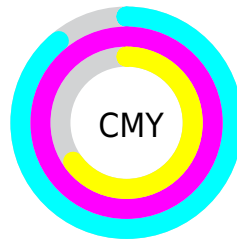
- Red (11%)
- Green (0%)
- Blue (35%)



- Red (11%)
- Yellow (0%)
- Blue (35%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1900633 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 1900633 by changing the saturation by 10% instead.



 1900633

 1900633

 16770815

 262209

 5517196

 810

 7227303

 276

 9002946

 0

 10844383

 12686332

 14593791

 16501247

 1900633

■ 2296153

■ 2691673

■ 3087193

■ 3482713

■ 3878233

■ 4273497

■ 4669017

■ 5064537

■ 5460057

# Harmonies

## Analogous

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



7532



1900633



5046326

# Triad

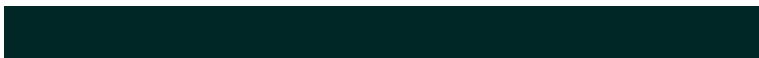
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1900633



3541504



9765

# Complementary

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



1900633



3954944

# 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.



9472



1900633



1383424

# Square

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



1900633



4980736



9472



10317

# Rectangle

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



1900633



5636124



9472



9495



# Sweetspot

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



1900633



6049907



15705



2893371



12237498



3881787



# Same Dimension

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



1900633



2424947



4784217



2631467



2293867



4980971



# Inverse Universe

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



5832764



7536717



1071360



2828074



7012424

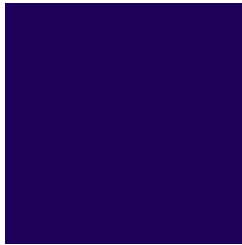


15401118



# Previews

## White Background



This preview shows how the Decimal color 1900633 looks on a white background.

## Color Contrast Check

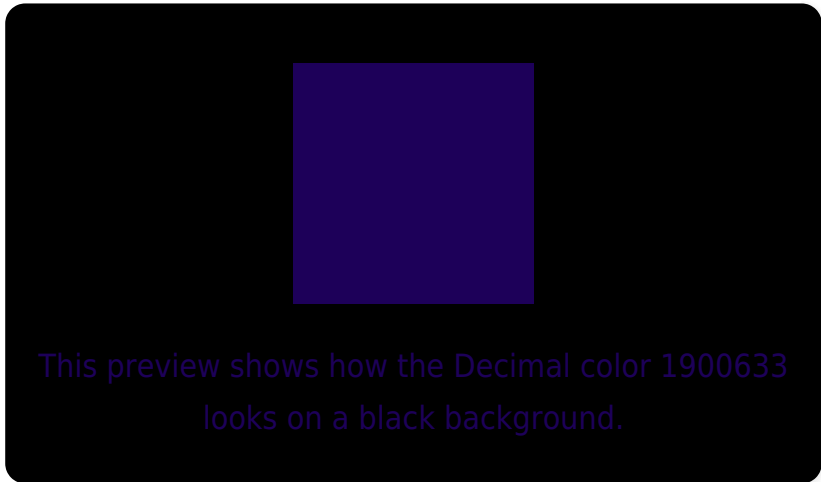
Large Text (above 18pt) WCAG AA ✓ Pass

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

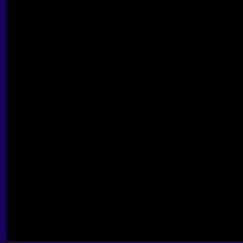
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1900633 Background



This preview shows how black text looks on a background with the Decimal color 1900633.



This preview shows how white text looks on a background with the Decimal color 1900633.

# 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**  
1900633

**Protanopia**  
7485

**Deuteranopia**  
7988

# Trichromacy



**Original Color**  
1900633

**Protanomaly**  
725575

**Deuteranomaly**  
726081

# Monochromacy



**Original Color**  
1900633

**Achromatopsia**  
1250067

**Achromatomaly**  
1510444

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1900633 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 #1D0059 looks like.

```
.text, #text, p{  
    color:#1D0059  
}
```

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 #1D0059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0059
}
```

## Border

The CSS property to change the border of an element to Decimal 1900633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

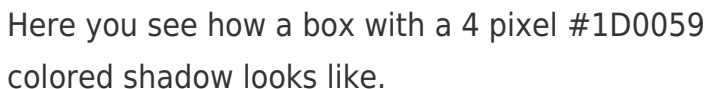
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D0059 }
```

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

```
.border{ border-color:#1D0059 }
```

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



Here you see how a box with a 4 pixel #1D0059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0059; -webkit-box-shadow:4px 4px  
4px 4px #1D0059; box-shadow:4px 4px 4px  
4px #1D0059 }
```

# Background

The CSS property to change the background color of an element to Decimal 1900633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0059 }
```

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

```
.background{ background-color:#1D0059 }
```

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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