

# Converting Colors

Decimal(1836886)

Have a look what the booklet for  
Decimal(1836886) contains.

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# Color

**Decimal(1836886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C0756
RGB	28, 7, 86
RGB Percent	11%, 3%, 34%
CMY	0.8902, 0.9725, 0.6627
CMYK	0.67, 0.92, 0.00, 0.66
HSL	256°, 85%, 18%
HSV	256°, 92%, 34%
XYZ	2.2346, 1.0707, 8.8930
YIQ	22.2850, -12.8430, 29.0210

# Conversions

## Conversions Part 2

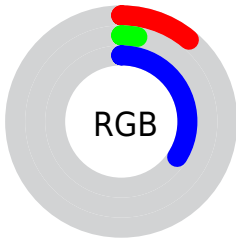
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 7, 86
Decimal	1836886
CIE Lab	9.57, 33.03, -42.69
CIE LCh	10, 53.981, 307.731
Yxy	1.0707, 0.1832, 0.0878
Android (android.graphics.Color)	4280026966 (0xFF1C0756)
YUV	22.2850, 31.4115, 5.0121
Hunter-Lab	10.3476, 20.4393, -43.7123




# Details

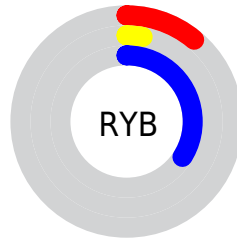
The Decimal color **1836886** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281863**, and the grayscale version is **1447446**.




A 20% lighter version of the original color is **5387401**, and **807** is the 20% darker color. If you saturate the color by 10%, you get **1507414**, and if you desaturate by 10%, it is **2232406**.

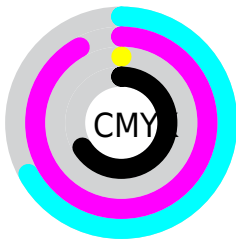
# Distribution







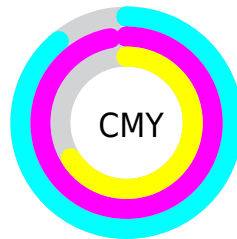
-  Red (11%)
-  Green (3%)
-  Blue (34%)






-  Red (11%)
-  Yellow (3%)
-  Blue (34%)



-  Cyan (67%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (89%)
-  Magenta (97%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1836886 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 1836886 by changing the saturation by 10% instead.



■ 1836886

■ 1836886

■ 16772095

■ 393278

■ 5387401

■ 807

■ 7097507

■ 273

■ 8873151

■ 0

■ 10649307

■ 12491000

■ 14398463

■ 16306175

■ 1836886

■ 1836886

■ 1507414

■ 2232406

■ 2693206

■ 3088726

■ 3483990

■ 3945046

■ 4340566

■ 4735830

■ 5196886

■ 5592150

# Harmonies

## Analogous

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



8038



1836886



4784183

# Triad

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



1836886



3607552



10276

# Complementary

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



1836886



4281863

# 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.



9984



1836886



1711360

# Square

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



1836886



4980736



9472



10823

# Rectangle

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



1836886



5439519



9472



10007



# Sweetspot

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



1836886



5853552



475734



2762040



12105912



3684408



# Same Dimension

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



1836886



1966192



4327254



2631467



1835115



4063467



# Inverse Universe

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



5637953



7340114



1791495



2828074



7012431

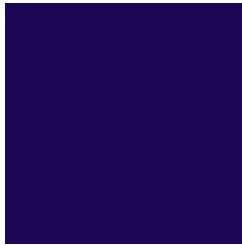


15401132



# Previews

## White Background



This preview shows how the Decimal color 1836886 looks on a white background.

## Color Contrast Check

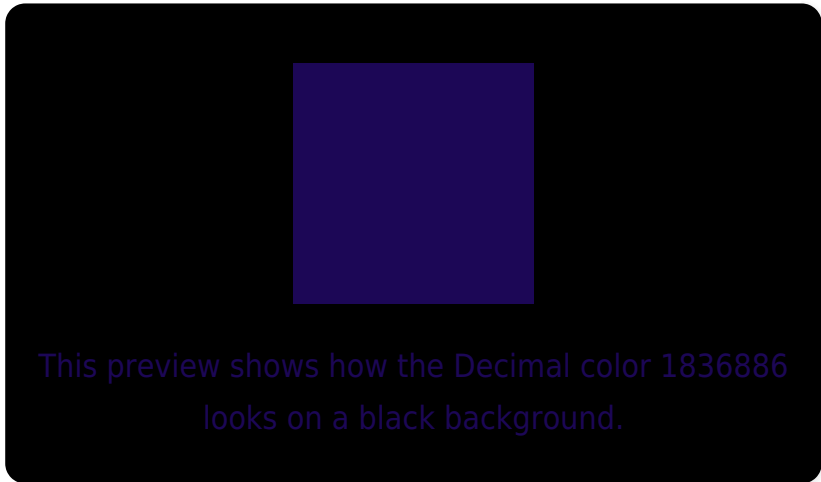
Large Text (above 18pt) WCAG AA ✓ Pass

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

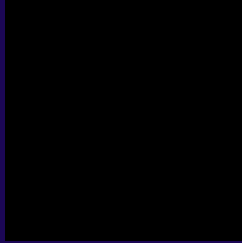
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1836886 Background



This preview shows how black text looks on a background with the Decimal color 1836886.



This preview shows how white text looks on a background with the Decimal color 1836886.

# 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**  
1836886

**Protanopia**  
7227

**Deuteranopia**  
7731



**Tritanopia**  
8483

# Trichromacy



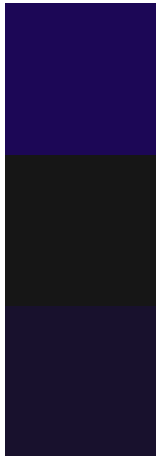
**Original Color**  
1836886

**Protanomaly**  
660549

**Deuteranomaly**  
661056

**Tritanomaly**  
661558

# Monochromacy



**Original Color**  
1836886

**Achromatopsia**  
1447446

**Achromatomaly**  
1577261

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1836886 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 #1C0756 looks like.

```
.text, #text, p{  
    color:#1C0756  
}
```

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 #1C0756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0756
}
```

## Border

The CSS property to change the border of an element to Decimal 1836886 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
#1C0756 }
```

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

```
.border{ border-color:#1C0756 }
```

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

Here you see how a box with a 4 pixel #1C0756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0756; -webkit-box-shadow:4px 4px  
4px 4px #1C0756; box-shadow:4px 4px 4px  
4px #1C0756 }
```

# Background

The CSS property to change the background color of an element to Decimal 1836886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0756 }
```

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

```
.background{ background-color:#1C0756 }
```

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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