

# Converting Colors

Decimal(1843062)

Have a look what the booklet for  
Decimal(1843062) contains.

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# Color

**Decimal(1843062)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1C1F76
RGB	28, 31, 118
RGB Percent	11%, 12%, 46%
CMY	0.8902, 0.8784, 0.5373
CMYK	0.76, 0.74, 0.00, 0.54
HSL	238°, 62%, 29%
HSV	238°, 76%, 46%
XYZ	4.2389, 2.5349, 17.4054
YIQ	40.0210, -29.7150, 26.4210

# Conversions

## Conversions Part 2

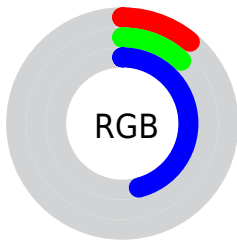
Format	Color
<a href="#">RYB</a>	<a href="#">28, 31, 118</a>
Decimal	<a href="#">1843062</a>
CIELab	<a href="#">18.08, 30.44, -49.79</a>
CIELCh	<a href="#">18, 58.358, 301.436</a>
Yxy	<a href="#">2.5349, 0.1753, 0.1048</a>
Android (android.graphics.Color)	<a href="#">4280033142</a> (0xFF1C1F76)
YUV	<a href="#">40.0210, 38.4436, -10.5424</a>
Hunter-Lab	<a href="#">15.9212, 19.6619, -53.6721</a>

# Details

The Decimal color **1843062** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7762716**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **5786795**, and **69** is the 20% darker color. If you saturate the color by 10%, you get **1053814**, and if you desaturate by 10%, it is **2632310**.

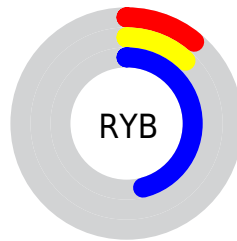
# Distribution



Red (11%)

Green (12%)

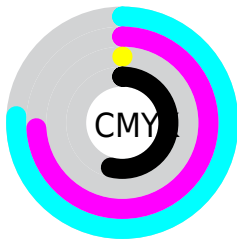
Blue (46%)



Red (11%)

Yellow (12%)

Blue (46%)

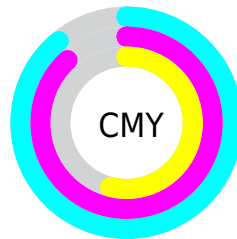


Cyan (76%)

Magenta (74%)

Yellow (0%)

Black (54%)



Cyan (89%)

Magenta (88%)

Yellow (54%)

# Brightness & Saturation

## Gradients

These gradients show how the Decimal color 1843062 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 1843062 by changing the saturation by 10% instead.



 1843062

 1843062

16777215

 2909

 5786795

 69

 7562439


 813

 9403875

 280

 11245567

 0

 13153023

 15060479

 16771839

 1843062


 1843062

 1053814

 2632310

 264310

 3421814

 1142

 4145526

 4935030

 5724278

 6513526

 7303030

 8026742

 8816246

# Harmonies

## Analogous

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



13187



1843062



6094933

# Triad

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



1843062



5641728



15149

# Complementary

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



1843062



7762716

# 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.



14592



1843062



3550208

# Square

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



1843062



7012352



13568



15448

# Rectangle

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



1843062



7077946



13568



15134



# Sweetspot

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



1843062



7763865



1865331



3618893



13421772



5066061



# Same Dimension

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



1843062



790937



4594806



3487035



1146



2298



# Inverse Universe

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



7740447



10030097



5010972



3880245



7995396

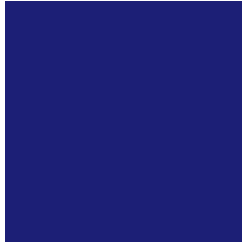


16384008



# Previews

## White Background



This preview shows how the Decimal color 1843062 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



This preview shows how the Decimal color 1843062 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

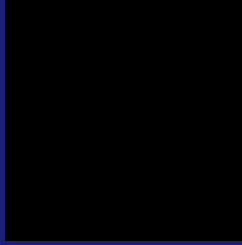
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1843062 Background



This preview shows how black text looks on a background with the Decimal color 1843062.



This preview shows how white text looks on a background with the Decimal color 1843062.

# 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**  
1843062

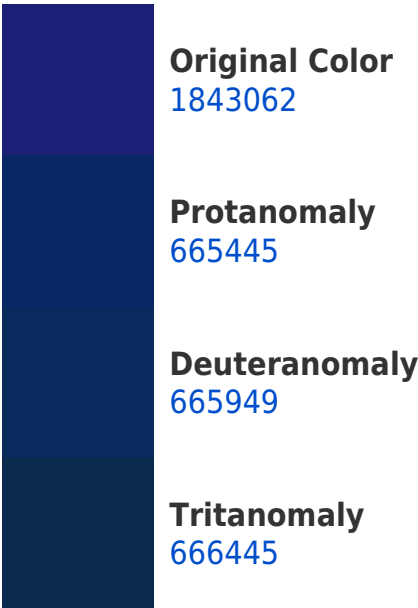
**Protanopia**  
11099

**Deuteranopia**  
11854

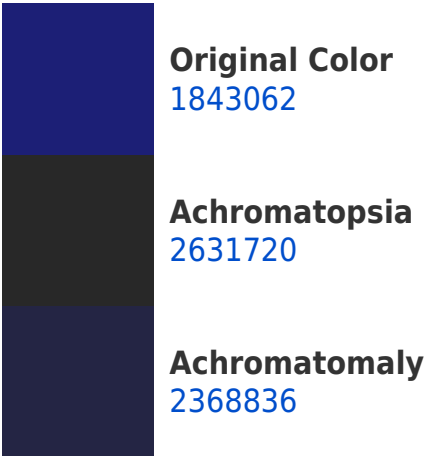


**Tritanopia**  
12853

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1843062 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 #1C1F76 looks like.

```
.text, #text, p{  
    color:#1C1F76  
}
```

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 #1C1F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1F76
}
```

## Border

The CSS property to change the border of an element to Decimal 1843062 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
#1C1F76 }
```

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

```
.border{ border-color:#1C1F76 }
```

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

Here you see how a box with a 4 pixel #1C1F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1F76; -webkit-box-shadow:4px 4px  
4px 4px #1C1F76; box-shadow:4px 4px 4px  
4px #1C1F76 }
```

# Background

The CSS property to change the background color of an element to Decimal 1843062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1F76 }
```

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

```
.background{ background-color:#1C1F76 }
```

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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