

# Converting Colors

Decimal(1849210)

Have a look what the booklet for  
Decimal(1849210) contains.

<b>Decimal(1849210)</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(1849210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C377A
RGB	28, 55, 122
RGB Percent	11%, 22%, 48%
CMY	0.8902, 0.7843, 0.5216
CMYK	0.77, 0.55, 0.00, 0.52
HSL	223°, 63%, 29%
HSV	223°, 77%, 48%
XYZ	5.3579, 4.3844, 18.9762
YIQ	54.5650, -37.5990, 15.1130

# Conversions

## Conversions Part 2

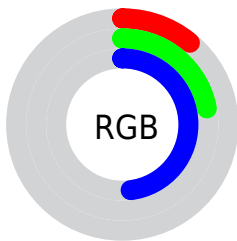
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 49, 122
Decimal	1849210
CIE <sub>Lab</sub>	24.90, 15.41, -41.19
CIE <sub>LCh</sub>	25, 43.979, 290.507
Yxy	4.3844, 0.1866, 0.1527
Android (android.graphics.Color)	4280039290 (0xFF1C377A)
YUV	54.5650, 33.2455, -23.2975
Hunter-Lab	20.9389, 9.0320, -39.0752




# Details

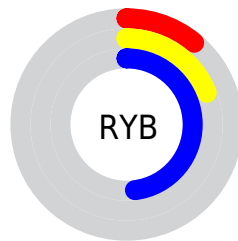
The Decimal color **1849210** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8019740**, and the grayscale version is **3552822**.




A 20% lighter version of the original color is **5727663**, and **3400** is the 20% darker color. If you saturate the color by 10%, you get **1060474**, and if you desaturate by 10%, it is **2637946**.

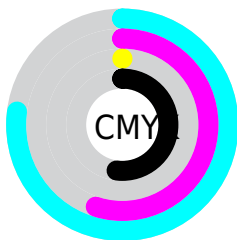
# Distribution







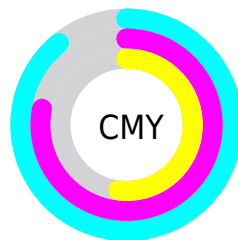
-  Red (11%)
-  Green (22%)
-  Blue (48%)






-  Red (11%)
-  Yellow (19%)
-  Blue (48%)



-  Cyan (77%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (78%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1849210 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 1849210 by changing the saturation by 10% instead.



■ 1849210

■ 1849210

16777215

■ 8801

■ 5727663

■ 3400

■ 7503563

■ 1073

■ 9279719

■ 283

■ 11121663

■ 0

■ 13029119

■ 14936831

■ 1849210

■ 1849210

■ 1060474

■ 2637946

■ 271994

■ 3426426

■ 9082

■ 4280698

■ 5069434

■ 5857914

■ 6646650

■ 7435386

■ 8289658

■ 9078138

# Harmonies

## Analogous

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



17021



1849210



5776998

# Triad

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



1849210



6825476



18735

# Complementary

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



1849210



8019740

# 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.



17931



1849210



5387776

# Square

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



1849210



7607590



3424256



19026

# Rectangle

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



1849210



6953298



3424256



18467



# Sweetspot

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



1849210



8029342



1866334



3751759



13619151



5197647



# Same Dimension

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



1849210



865950



3087482



3619133



9341



18940



# Inverse Universe

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



8002615



10358070



6781468



4011833



8192036



16515145



# Previews

## White Background



This preview shows how the Decimal color 1849210 looks on a white background.

## Color Contrast Check

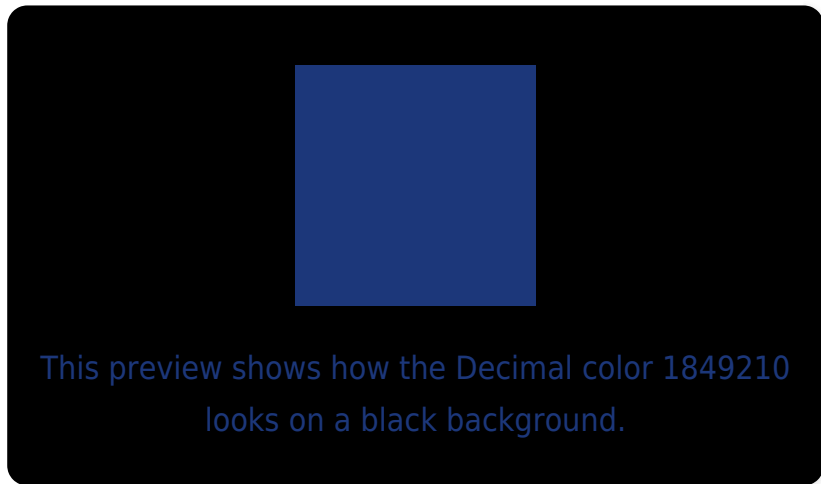
Large Text (above 18pt) WCAG AA ✓ Pass

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 1849210 Background



This preview shows how black text looks on a background with the Decimal color 1849210.



This preview shows how white text looks on a background with the Decimal color 1849210.

# 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**  
1849210

**Protanopia**  
14713

**Deuteranopia**  
15721



**Tritanopia**  
16966

# Trichromacy



**Original Color**  
1849210

**Protanomaly**  
669817

**Deuteranomaly**  
670575

**Tritanomaly**  
671321

# Monochromacy



**Original Color**  
1849210

**Achromatopsia**  
3618615

**Achromatomaly**  
2963279

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1849210 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 #1C377A looks like.

```
.text, #text, p{  
  color:#1C377A  
}
```

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 #1C377A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C377A
}
```

## Border

The CSS property to change the border of an element to Decimal 1849210 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
#1C377A }
```

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

```
.border{ border-color:#1C377A }
```

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

Here you see how a box with a 4 pixel #1C377A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C377A; -webkit-box-shadow:4px 4px  
4px 4px #1C377A; box-shadow:4px 4px 4px  
4px #1C377A }
```

# Background

The CSS property to change the background color of an element to Decimal 1849210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C377A }
```

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

```
.background{ background-color:#1C377A }
```

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