

# Converting Colors

Decimal(84882)

Have a look what the booklet for  
Decimal(84882) contains.

<b>Decimal(84882)</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(84882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	014B92
RGB	1, 75, 146
RGB Percent	0%, 29%, 57%
CMY	0.9961, 0.7059, 0.4275
CMYK	0.99, 0.49, 0.00, 0.43
HSL	209°, 99%, 29%
HSV	209°, 99%, 57%
XYZ	7.7169, 7.1139, 28.1605
YIQ	60.9680, -66.8950, 6.3930

# Conversions

## Conversions Part 2

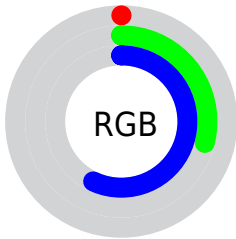
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 50, 146
Decimal	84882
CIE Lab	32.06, 9.33, -44.56
CIE LCh	32, 45.522, 281.828
Yxy	7.1139, 0.1795, 0.1655
Android (android.graphics.Color)	4278274962 (0xFF014B92)
YUV	60.9680, 41.9208, -52.5919
Hunter-Lab	26.6720, 4.9689, -43.9286

# Details

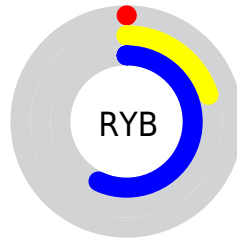
The Decimal color **84882** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **9586689**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5405641**, and **8287** is the 20% darker color. If you saturate the color by 10%, you get **19346**, and if you desaturate by 10%, it is **1069714**.

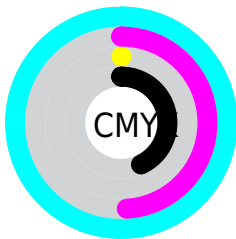
# Distribution



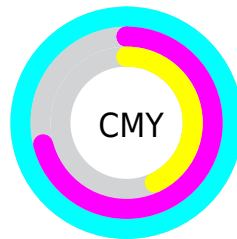
- Red (0%)
- Green (29%)
- Blue (57%)



- Red (0%)
- Yellow (20%)
- Blue (57%)



- Cyan (99%)
- Magenta (49%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (71%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 84882 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 84882 by changing the saturation by 10% instead.





84882



84882

16777215



13688



5405641



8287



7312869



2119



9220095



1071



11127807



282



13035519



0



15007743



84882



84882



19346



1069714

■ 1989010

■ 2973842

■ 3893394

■ 4878226

■ 5863058

■ 6782354

■ 7767186

■ 8686482

# Harmonies

## Analogous

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



21904



84882



6175617

# Triad

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



84882



8597789



23092

# Complementary

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



84882



9586689

# 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.



2446863



84882



7160320

# Square

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



84882



9119039



5197312



23641

# Rectangle

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



84882



7876462



5197312



22823



# Sweetspot

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



84882



8692157



102983



3952222



14606046



6184542



# Same Dimension

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



84882



24765



66450



4408906



18058



1290



# Inverse Universe

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



9568587



12386400



9605121



4866886



9044038



655365



# Previews

## White Background



This preview shows how the Decimal color 84882 looks on a white background.

## Color Contrast Check

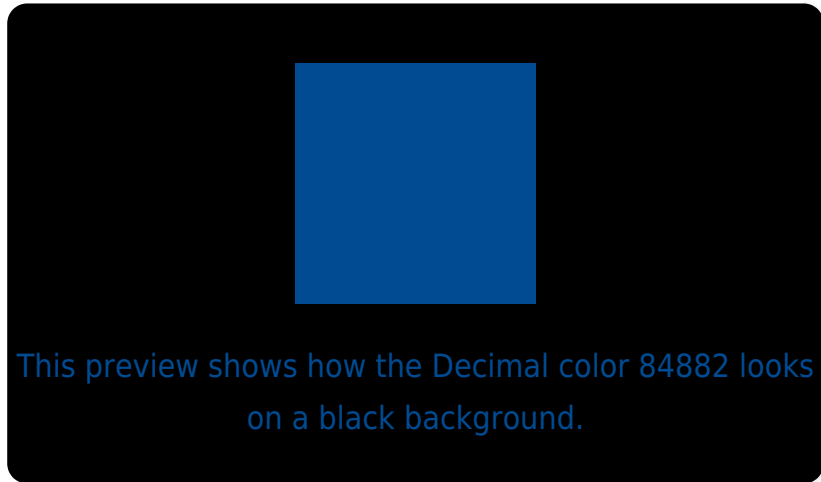
Large Text (above 18pt) WCAG AA ✓ Pass

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

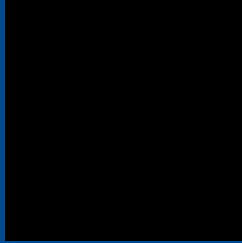
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 84882 Background



This preview shows how black text looks on a background with the Decimal color 84882.



This preview shows how white text looks on a background with the Decimal color 84882.

# Color Blindness Simulation

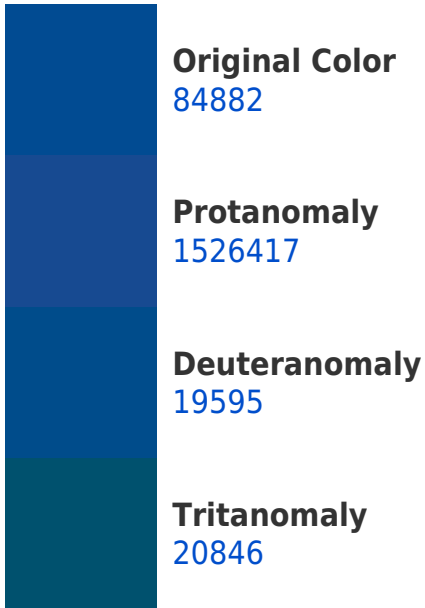
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 84882 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 #014B92 looks like.

```
.text, #text, p{  
  color:#014B92  
}
```

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 #014B92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014B92
}
```

## Border

The CSS property to change the border of an element to Decimal 84882 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
#014B92 }
```

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

```
.border{ border-color:#014B92 }
```

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

Here you see how a box with a 4 pixel #014B92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014B92; -webkit-box-shadow:4px 4px  
4px 4px #014B92; box-shadow:4px 4px 4px  
4px #014B92 }
```

# Background

The CSS property to change the background color of an element to Decimal 84882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014B92 }
```

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

```
.background{ background-color:#014B92 }
```

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