

# Converting Colors

Decimal(3826830)

Have a look what the booklet for  
Decimal(3826830) contains.

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# Color

**Decimal(3826830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A648E
RGB	58, 100, 142
RGB Percent	23%, 39%, 56%
CMY	0.7725, 0.6078, 0.4431
CMYK	0.59, 0.30, 0.00, 0.44
HSL	210°, 42%, 39%
HSV	210°, 59%, 56%
XYZ	11.1846, 11.9669, 27.3115
YIQ	92.2300, -38.5140, 4.1580

# Conversions

## Conversions Part 2

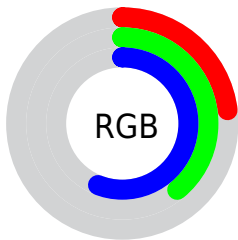
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 86, 142
Decimal	3826830
CIELab	41.16, -1.38, -27.57
CIELCh	41, 27.609, 267.142
Yxy	11.9669, 0.2216, 0.2371
Android (android.graphics.Color)	4282016910 (0xFF3A648E)
YUV	92.2300, 24.5366, -30.0197
Hunter-Lab	34.5932, -2.8259, -22.5946

# Details

The Decimal color **3826830** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9331770**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7378884**, and **13915** is the 20% darker color. If you saturate the color by 10%, you get **2907534**, and if you desaturate by 10%, it is **4746126**.

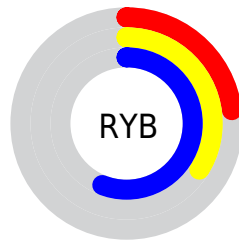
# Distribution



Red (23%)

Green (39%)

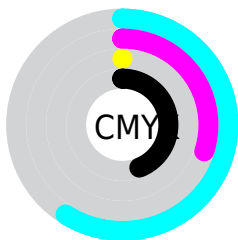
Blue (56%)



Red (23%)

Yellow (34%)

Blue (56%)

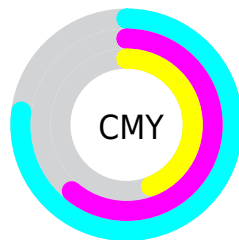


Cyan (59%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (61%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3826830 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 3826830 by changing the saturation by 10% instead.



■ 3826830

■ 3826830

16777215

■ 1854580

■ 7378884

■ 13915

■ 9155040

■ 8516

■ 10997245

■ 2349

■ 12839423

■ 280

■ 14745599

■ 0

16646143

■ 3826830

■ 3826830

■ 2907534

■ 4746126

■ 1988238

■ 5665422

■ 1003406

■ 6650254

■ 84110

■ 7569550

■ 18318

■ 8489102

■ 9408398

■ 10327694

■ 11312526

■ 12231822

# Harmonies

## Analogous

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



27271



3826830



6315145

# Triad

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



3826830



9195854



4156232

# Complementary

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



3826830



9331770

# 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.



5989944



3826830



8607548

# Square

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



3826830



9064292



7429939



1863006

# Rectangle

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



3826830



7624320



7429939



4811073



# Sweetspot

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



3826830



9938872



3837540



4739676



14408667



6052956



# Same Dimension

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



3826830



3503800



3816078



4211783



17543



1032



# Inverse Universe

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



9321060



12072310



9342522



4669508



8847428

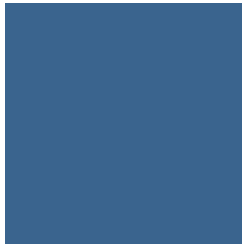


524292



# Previews

## White Background



This preview shows how the Decimal color 3826830 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 × Fail

# Black Background



This preview shows how the Decimal color 3826830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3826830 Background



This preview shows how black text looks on a background with the Decimal color 3826830.




This preview shows how white text looks on a background with the Decimal color 3826830.

# 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](#).

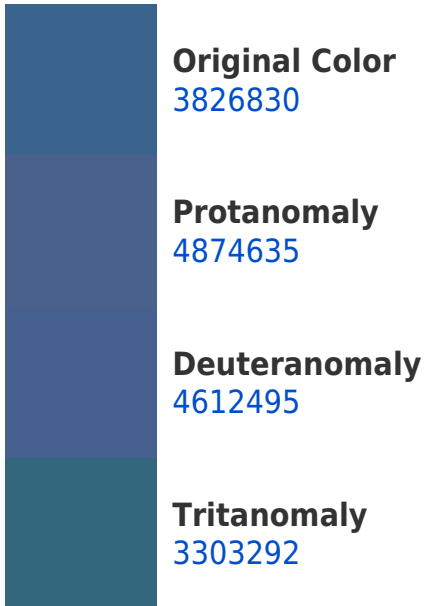
## Dichromacy





**Tritanopia**  
3041650

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3826830 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 #3A648E looks like.

```
.text, #text, p{  
  color:#3A648E  
}
```

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 #3A648E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A648E
}
```

## Border

The CSS property to change the border of an element to Decimal 3826830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

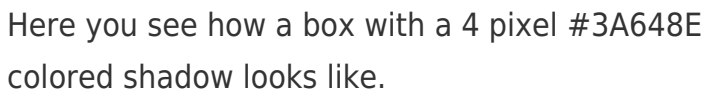
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A648E }
```

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

```
.border{ border-color:#3A648E }
```

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



Here you see how a box with a 4 pixel #3A648E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A648E; -webkit-box-shadow:4px 4px  
4px 4px #3A648E; box-shadow:4px 4px 4px  
4px #3A648E }
```

# Background

The CSS property to change the background color of an element to Decimal 3826830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A648E }
```

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

```
.background{ background-color:#3A648E }
```

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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