

# Converting Colors

Decimal(3957634)

Have a look what the booklet for  
Decimal(3957634) contains.

<b>Decimal(3957634)</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(3957634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6382
RGB	60, 99, 130
RGB Percent	24%, 39%, 51%
CMY	0.7647, 0.6118, 0.4902
CMYK	0.54, 0.24, 0.00, 0.49
HSL	207°, 37%, 37%
HSV	207°, 54%, 51%
XYZ	10.3546, 11.4960, 22.7923
YIQ	90.8730, -33.1950, 1.3730

# Conversions

## Conversions Part 2

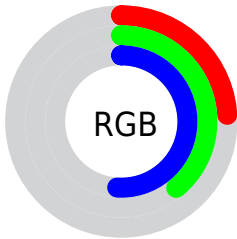
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 85, 130
Decimal	3957634
CIE <sub>Lab</sub>	40.40, -4.32, -21.50
CIE <sub>LCh</sub>	40, 21.933, 258.643
Yxy	11.4960, 0.2319, 0.2575
Android (android.graphics.Color)	4282147714 (0xFF3C6382)
YUV	90.8730, 19.2896, -27.0756
Hunter-Lab	33.9058, -4.8226, -16.1221

# Details

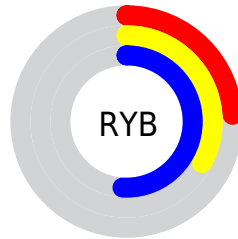
The Decimal color **3957634** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8543036**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **7378615**, and **13649** is the 20% darker color. If you saturate the color by 10%, you get **3104130**, and if you desaturate by 10%, it is **4811138**.

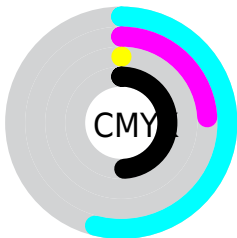
# Distribution



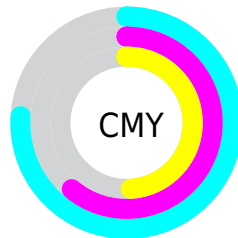
- Red (24%)
- Green (39%)
- Blue (51%)



- Red (24%)
- Yellow (33%)
- Blue (51%)



- Cyan (54%)
- Magenta (24%)
- Yellow (0%)
- Black (49%)



- Cyan (76%)
- Magenta (61%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3957634 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 3957634 by changing the saturation by 10% instead.



■ 3957634

■ 3957634

16777215

■ 2181993

■ 7378615

■ 13649

■ 9154771

■ 8249

■ 10931439

■ 1316

■ 12773631

■ 12

■ 14680063

■ 0

■ 16580607

■ 3957634

■ 3957634

■ 3104130

■ 4811138

■ 2250626

■ 5664642

■ 1397378

■ 6517890

■ 543874

■ 7371394

■ 18562

■ 8224898

■ 9078402

■ 9931650

■ 10785154

■ 11638658

# Harmonies

## Analogous

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



2385786



3957634



5791105

# Triad

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



3957634



8606293



5006919

# Complementary

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



3957634



8543036

# 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.



6316605



3957634



8279621

# Square

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



3957634



8278631



7494716



3565912

# Rectangle

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



3957634



6838651



7494716



5465411



# Sweetspot

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



3957634



9280680



3965530



4476244



13948116



5526612



# Same Dimension

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



3957634



3897512



3948930



3751232



18304



0



# Inverse Universe

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



8535139



11025272



8551740



4208957



8388679



0



# Previews

## White Background



This preview shows how the Decimal color 3957634 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 3957634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

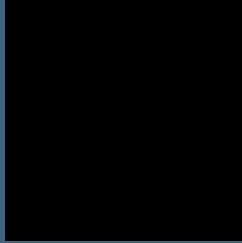
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

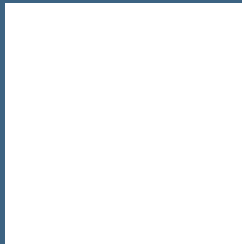
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3957634 Background



This preview shows how black text looks on a background with the Decimal color 3957634.

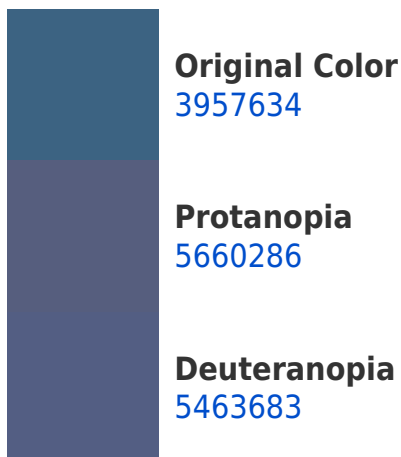



This preview shows how white text looks on a background with the Decimal color 3957634.

# 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](#).

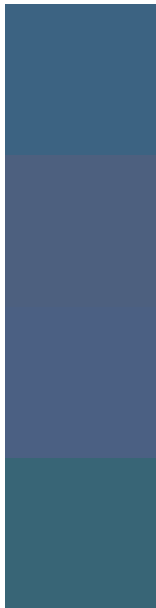
## Dichromacy





**Tritanopia**  
3499631

# Trichromacy



**Original Color**  
3957634

**Protanomaly**  
5070975

**Deuteranomaly**  
4939907

**Tritanomaly**  
3695990

# Monochromacy



**Original Color**  
3957634

**Achromatopsia**  
5987163

**Achromatomaly**  
5267049

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3957634 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 #3C6382 looks like.

```
.text, #text, p{  
  color:#3C6382  
}
```

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 #3C6382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6382
}
```

## Border

The CSS property to change the border of an element to Decimal 3957634 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
#3C6382 }
```

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

```
.border{ border-color:#3C6382 }
```

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

Here you see how a box with a 4 pixel #3C6382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6382; -webkit-box-shadow:4px 4px  
4px 4px #3C6382; box-shadow:4px 4px 4px  
4px #3C6382 }
```

# Background

The CSS property to change the background color of an element to Decimal 3957634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6382 }
```

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

```
.background{ background-color:#3C6382 }
```

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