

# Converting Colors

Decimal(4355962)

Have a look what the booklet for  
Decimal(4355962) contains.

<b>Decimal(4355962)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4355962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42777A
RGB	66, 119, 122
RGB Percent	26%, 47%, 48%
CMY	0.7412, 0.5333, 0.5216
CMYK	0.46, 0.02, 0.00, 0.52
HSL	183°, 30%, 37%
HSV	183°, 46%, 48%
XYZ	12.3564, 15.7570, 20.8025
YIQ	103.4950, -32.5510, -10.3030

# Conversions

## Conversions Part 2

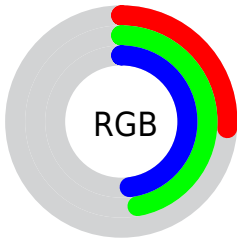
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 93, 122
Decimal	4355962
CIELab	46.65, -16.77, -7.17
CIElCh	47, 18.236, 203.139
Yxy	15.7570, 0.2526, 0.3221
Android (android.graphics.Color)	4282546042 (0xFF42777A)
YUV	103.4950, 9.1230, -32.8831
Hunter-Lab	39.6951, -13.9024, -3.2847

# Details

The Decimal color **4355962** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8013122**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **7777198**, and **607817** is the 20% darker color. If you saturate the color by 10%, you get **3569274**, and if you desaturate by 10%, it is **5142650**.

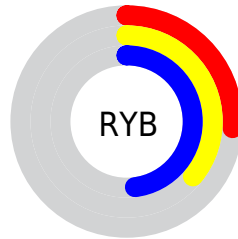
# Distribution



Red (26%)

Green (47%)

Blue (48%)



Red (26%)

Yellow (36%)

Blue (48%)

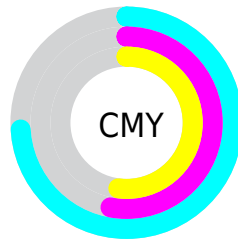


Cyan (46%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (74%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4355962 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 4355962 by changing the saturation by 10% instead.





4355962



4355962

16777215



2645601



7777198



607817



9553866



12339



11330534



7198



13172735



3



15007743



0



4355962



4355962



3569274



5142650



2782842



5929082

■ 1930618

■ 6781306

■ 1143930

■ 7567994

■ 357498

■ 8354426

■ 29562

■ 9141114

■ 9927802

■ 10779770

■ 11566458

# Harmonies

## Analogous

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



5011306



4355962



4617607

# Triad

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



4355962



8349569



8219728

# Complementary

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



4355962



8013122

# 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.



9004887



4355962



9135219

# Square

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



4355962



7105675



9331811



7172434

# Rectangle

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



4355962



5272459



9331811



8547154



# Sweetspot

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



4355962



8953246



4356677



4345423



13619151



5197647



# Same Dimension

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



4355962



4692382



4348794



3620157



30333



61436



# Inverse Universe

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



8012407



10373017



8020290



4011837



8192118

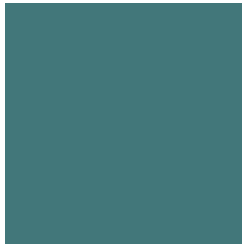


16515311



# Previews

## White Background



This preview shows how the Decimal color 4355962 looks on a white background.

## Color Contrast Check

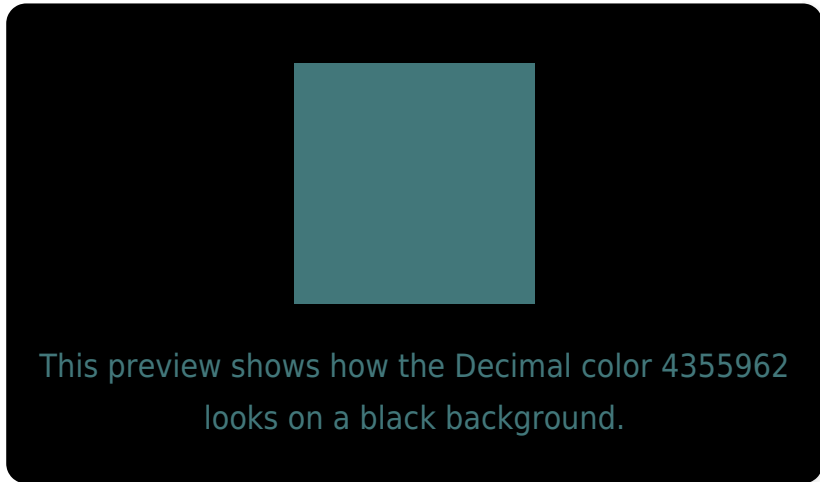
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

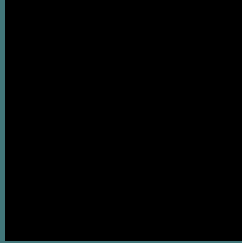
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4355962 Background



This preview shows how black text looks on a background with the Decimal color 4355962.



This preview shows how white text looks on a background with the Decimal color 4355962.

# 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**  
4355962

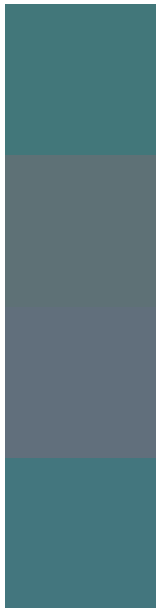
**Protanopia**  
7236980

**Deuteranopia**  
7498621



**Tritanopia**  
4486784

# Trichromacy



**Original Color**  
4355962

**Protanomaly**  
6189430

**Deuteranomaly**  
6385532

**Tritanomaly**  
4421246

# Monochromacy



**Original Color**  
4355962

**Achromatopsia**  
6776679

**Achromatomaly**  
5926254

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4355962 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 #42777A looks like.

```
.text, #text, p{  
  color:#42777A  
}
```

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 #42777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42777A
}
```

## Border

The CSS property to change the border of an element to Decimal 4355962 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
#42777A }
```

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

```
.border{ border-color:#42777A }
```

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

Here you see how a box with a 4 pixel #42777A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42777A; -webkit-box-shadow:4px 4px  
4px 4px #42777A; box-shadow:4px 4px 4px  
4px #42777A }
```

# Background

The CSS property to change the background color of an element to Decimal 4355962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42777A }
```

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

```
.background{ background-color:#42777A }
```

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