

# Converting Colors

Decimal(5470359)

Have a look what the booklet for  
Decimal(5470359) contains.

<b>Decimal(5470359)</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(5470359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	537897
RGB	83, 120, 151
RGB Percent	33%, 47%, 59%
CMY	0.6745, 0.5294, 0.4078
CMYK	0.45, 0.21, 0.00, 0.41
HSL	207°, 29%, 46%
HSV	207°, 45%, 59%
XYZ	15.8697, 17.5063, 31.8208
YIQ	112.4710, -32.0030, 1.7970

# Conversions

## Conversions Part 2

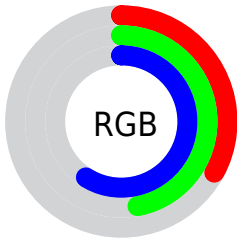
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 107, 151
Decimal	5470359
CIE Lab	48.89, -4.38, -20.84
CIE LCh	49, 21.296, 258.130
Yxy	17.5063, 0.2434, 0.2685
Android (android.graphics.Color)	4283660439 (0xFF537897)
YUV	112.4710, 18.9948, -25.8461
Hunter-Lab	41.8405, -5.5178, -15.8032

# Details

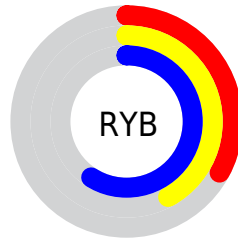
The Decimal color **5470359** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9925203**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8957133**, and **1984612** is the 20% darker color. If you saturate the color by 10%, you get **4485527**, and if you desaturate by 10%, it is **6455191**.

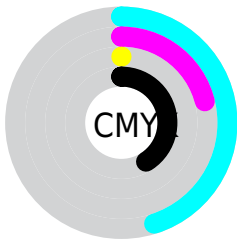
# Distribution



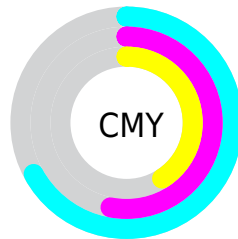
- Red (33%)
- Green (47%)
- Blue (59%)



- Red (33%)
- Yellow (42%)
- Blue (59%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (53%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5470359 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 5470359 by changing the saturation by 10% instead.



■ 5470359

■ 5470359

16777215

■ 3759997

■ 8957133

■ 1984612

■ 10733546

■ 12620

■ 12575743

■ 7477

■ 14417919

■ 544

■ 16318463

■ 4

■ 0

■ 5470359

■ 5470359

■ 4485527

■ 6455191

■ 3500695

■ 7440023

■ 2515863

■ 8424855

■ 1531031

■ 9409687

■ 546455

■ 10459799

■ 21143

■ 11444631

■ 12429463

■ 13414295

■ 14399127

# Harmonies

## Analogous

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



4226190



5470359



7172758

# Triad

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



5470359



10053482



6388572

# Complementary

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



5470359



9925203

# 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.



7763538



5470359



9726810

# Square

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



5470359



9660540



8941905



5078636

# Rectangle

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



5470359



8220305



8941905



6847063



# Sweetspot

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



5470359



11122884



5478258



5463139



14935011



6513507



# Same Dimension

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



5470359



5936324



5461655



4540749



19596



1805



# Inverse Universe

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



9917304



12868244



9933907



5064009



9175116



851975



# Previews

## White Background



This preview shows how the Decimal color 5470359 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 5470359 looks on a black 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

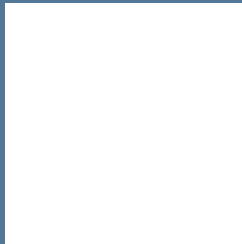
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5470359 Background



This preview shows how black text looks on a background with the Decimal color 5470359.

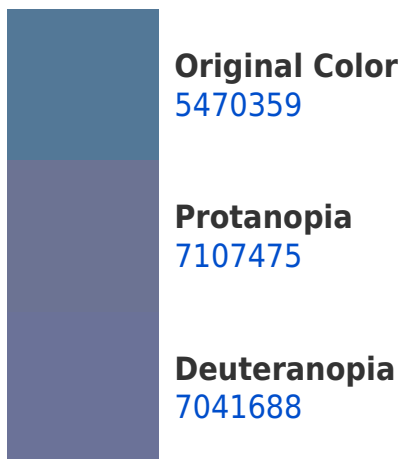



This preview shows how white text looks on a background with the Decimal color 5470359.

# 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**  
5143429

# Trichromacy



**Original Color**  
5470359

**Protanomaly**  
6518164

**Deuteranomaly**  
6452376

**Tritanomaly**  
5274252

# Monochromacy



**Original Color**  
5470359

**Achromatopsia**  
7368816

**Achromatomaly**  
6648702

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5470359 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 #537897 looks like.

```
.text, #text, p{  
    color:#537897  
}
```

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 #537897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537897
}
```

## Border

The CSS property to change the border of an element to Decimal 5470359 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
#537897 }
```

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

```
.border{ border-color:#537897 }
```

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

Here you see how a box with a 4 pixel #537897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537897; -webkit-box-shadow:4px 4px  
4px 4px #537897; box-shadow:4px 4px 4px  
4px #537897 }
```

# Background

The CSS property to change the background color of an element to Decimal 5470359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537897 }
```

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

```
.background{ background-color:#537897 }
```

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