

# Converting Colors

Decimal(5276343)

Have a look what the booklet for  
Decimal(5276343) contains.

<b>Decimal(5276343)</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(5276343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5082B7
RGB	80, 130, 183
RGB Percent	31%, 51%, 72%
CMY	0.6863, 0.4902, 0.2824
CMYK	0.56, 0.29, 0.00, 0.28
HSL	211°, 42%, 52%
HSV	211°, 56%, 72%
XYZ	19.8381, 21.0896, 47.8249
YIQ	121.0920, -46.8130, 5.8830

# Conversions

## Conversions Part 2

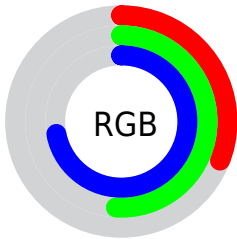
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 114, 183
Decimal	5276343
CIELab	53.05, -1.03, -32.98
CIELCh	53, 32.998, 268.215
Yxy	21.0896, 0.2235, 0.2376
Android (android.graphics.Color)	4283466423 (0xFF5082B7)
YUV	121.0920, 30.5206, -36.0377
Hunter-Lab	45.9235, -3.2571, -29.5984

# Details

The Decimal color **5276343** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12027216**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **8959983**, and **676226** is the 20% darker color. If you saturate the color by 10%, you get **4094391**, and if you desaturate by 10%, it is **6458295**.

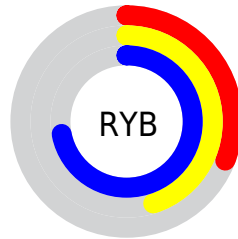
# Distribution



Red (31%)

Green (51%)

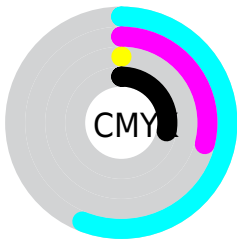
Blue (72%)



Red (31%)

Yellow (45%)

Blue (72%)

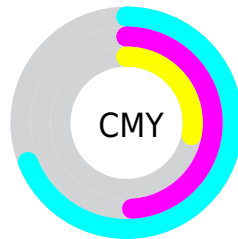


Cyan (56%)

Magenta (29%)

Yellow (0%)

Black (28%)



Cyan (69%)

Magenta (49%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5276343 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 5276343 by changing the saturation by 10% instead.



■ 5276343

■ 5276343

16777215

■ 3303836

■ 8959983

■ 676226

■ 10801919

■ 14952

■ 12709887

■ 9552

■ 14614527

■ 4153

■ 16580607

■ 547

■ 9

■ 0

■ 5276343

■ 5276343

■ 4094391

■ 6458295

■ 2846647

■ 7706039

■ 1664695

■ 8887991

■ 482487

■ 10070199

■ 22967

■ 11317687

■ 12499639

■ 13681847

■ 14863799

■ 16111543

# Harmonies

## Analogous

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



493998



5276343



8353969

# Triad

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



5276343



11889253



5475168

# Complementary

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



5276343



12027216

# 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.



7701835



5276343



11104847

# Square

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



5276343



11757697



9600069



2657660

# Rectangle

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



5276343



9925029



9600069



6261080



# Sweetspot

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



5276343



12966125



5289860



6319224



16250871



7895160



# Same Dimension

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



5276343



5020397



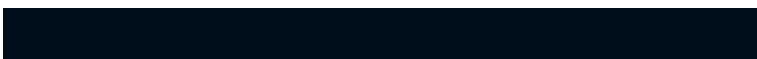
5263543



5461852



19612



3612



# Inverse Universe

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



12013698



15551642



12040016



6050647



10223692



1835022



# Previews

## White Background



This preview shows how the Decimal color 5276343 looks on a white 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

# Black Background



This preview shows how the Decimal color 5276343 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 5276343 Background



This preview shows how black text looks on a background with the Decimal color 5276343.



This preview shows how white text looks on a background with the Decimal color 5276343.

# Color Blindness Simulation

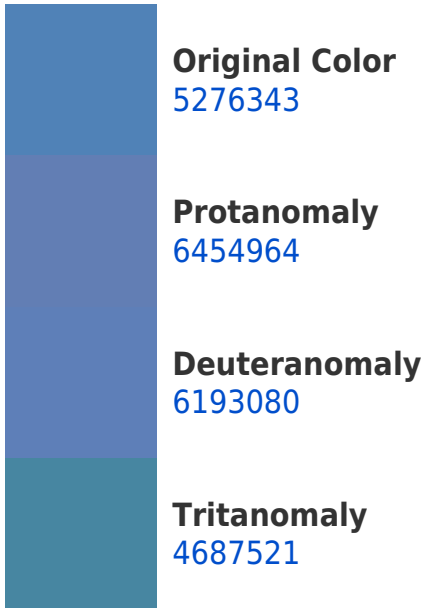
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5276343 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 #5082B7 looks like.

```
.text, #text, p{  
    color:#5082B7  
}
```

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 #5082B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5082B7
}
```

## Border

The CSS property to change the border of an element to Decimal 5276343 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
#5082B7 }
```

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

```
.border{ border-color:#5082B7 }
```

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

Here you see how a box with a 4 pixel #5082B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5082B7; -webkit-box-shadow:4px 4px  
4px 4px #5082B7; box-shadow:4px 4px 4px  
4px #5082B7 }
```

# Background

The CSS property to change the background color of an element to Decimal 5276343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5082B7 }
```

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

```
.background{ background-color:#5082B7 }
```

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