

# Converting Colors

Decimal(5276837)

Have a look what the booklet for  
Decimal(5276837) contains.

<b>Decimal(5276837)</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(5276837)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5084A5
RGB	80, 132, 165
RGB Percent	31%, 52%, 65%
CMY	0.6863, 0.4824, 0.3529
CMYK	0.52, 0.20, 0.00, 0.35
HSL	203°, 35%, 48%
HSV	203°, 52%, 65%
XYZ	18.3511, 20.9246, 38.6690
YIQ	120.2140, -41.5850, -0.7610

# Conversions

## Conversions Part 2

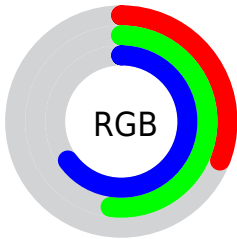
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 112, 165
Decimal	5276837
CIELab	52.87, -7.85, -22.90
CIElCh	53, 24.206, 251.068
Yxy	20.9246, 0.2354, 0.2685
Android (android.graphics.Color)	4283466917 (0xFF5084A5)
YUV	120.2140, 22.0795, -35.2677
Hunter-Lab	45.7434, -8.4415, -18.1001

# Details

The Decimal color **5276837** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10842448**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **8829404**, and **1332081** is the 20% darker color. If you saturate the color by 10%, you get **4226725**, and if you desaturate by 10%, it is **6326949**.

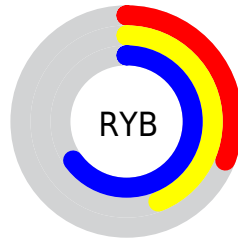
# Distribution



Red (31%)

Green (52%)

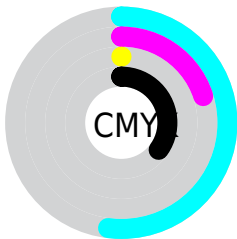
Blue (65%)



Red (31%)

Yellow (44%)

Blue (65%)

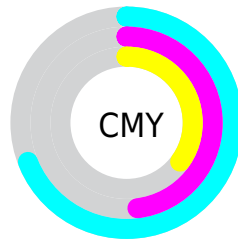


Cyan (52%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (69%)

Magenta (48%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5276837 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 5276837 by changing the saturation by 10% instead.



■ 5276837

■ 5276837

16777215

■ 3435403

■ 8829404

■ 1332081

■ 10671609

■ 15448

■ 12513791

■ 9793

■ 14417919

■ 4651

■ 16318463

■ 278

■ 0

■ 5276837

■ 5276837

■ 4226725

■ 6326949

■ 3110821

■ 7442853

■ 1995173

■ 8558501

■ 944805

■ 9608869

■ 26021

■ 10724517

■ 11774629

■ 12824997

■ 13940645

■ 14991013

# Harmonies

## Analogous

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



3967129



5276837



7241383

# Triad

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



5276837



11038583



7243102

# Complementary

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



5276837



10842448

# 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.



8748885



5276837



10842724

# Square

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



5276837



10449036



9992279



5671280

# Rectangle

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



5276837



8550818



9992279



7766874



# Sweetspot

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



5276837



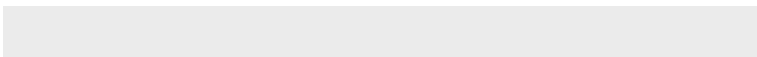
11979478



5285233



5792875



15461355



7039851



# Same Dimension

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



5276837



5350358



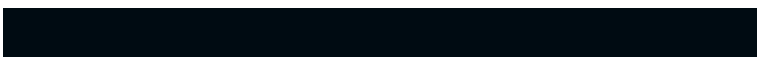
5266085



4804178



22929



2834



# Inverse Universe

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



10834052



14045603



10853200



5392718



9502809



1179659



# Previews

## White Background



This preview shows how the Decimal color 5276837 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 5276837 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

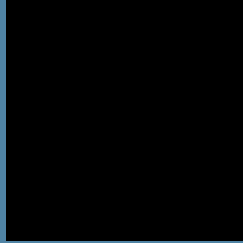
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

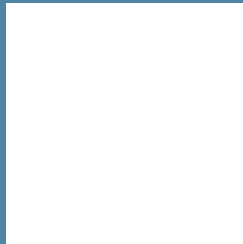
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5276837 Background



This preview shows how black text looks on a background with the Decimal color 5276837.



This preview shows how white text looks on a background with the Decimal color 5276837.

# 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**  
4884370

# Trichromacy



**Original Color**  
5276837

**Protanomaly**  
6848417

**Deuteranomaly**  
6717350

**Tritanomaly**  
5015193

# Monochromacy



**Original Color**  
5276837

**Achromatopsia**  
7895160

**Achromatomaly**  
6913160

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5276837 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 #5084A5 looks like.

```
.text, #text, p{  
    color:#5084A5  
}
```

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 #5084A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5084A5  
}
```

## Border

The CSS property to change the border of an element to Decimal 5276837 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  
#5084A5 }
```

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

```
.border{ border-color:#5084A5 }
```

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

Here you see how a box with a 4 pixel #5084A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5084A5; -webkit-box-shadow:4px 4px  
4px 4px #5084A5; box-shadow:4px 4px 4px  
4px #5084A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5276837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5084A5 }
```

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

```
.background{ background-color:#5084A5 }
```

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