

# Converting Colors

Decimal(5864849)

Have a look what the booklet for  
Decimal(5864849) contains.

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# Color

**Decimal(5864849)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	597D91
RGB	89, 125, 145
RGB Percent	35%, 49%, 57%
CMY	0.6510, 0.5098, 0.4314
CMYK	0.39, 0.14, 0.00, 0.43
HSL	201°, 24%, 46%
HSV	201°, 39%, 57%
XYZ	16.5643, 18.8354, 29.5506
YIQ	116.5160, -27.8760, -1.4120

# Conversions

## Conversions Part 2

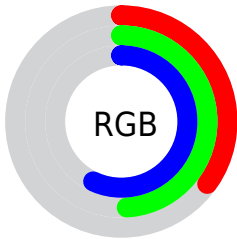
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 111, 145
Decimal	5864849
CIE <sub>Lab</sub>	50.49, -7.33, -14.84
CIE <sub>LCh</sub>	50, 16.554, 243.728
Yxy	18.8354, 0.2550, 0.2900
Android (android.graphics.Color)	4284054929 (0xFF597D91)
YUV	116.5160, 14.0426, -24.1315
Hunter-Lab	43.3998, -7.8220, -9.9903

# Details

The Decimal color **5864849** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9530713**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9286343**, and **2575455** is the 20% darker color. If you saturate the color by 10%, you get **4946065**, and if you desaturate by 10%, it is **6849169**.

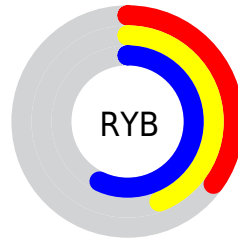
# Distribution



Red (35%)

Green (49%)

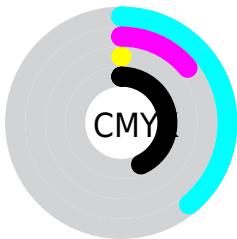
Blue (57%)



Red (35%)

Yellow (44%)

Blue (57%)

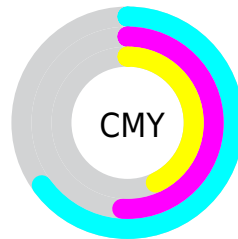


Cyan (39%)

Magenta (14%)

Yellow (0%)

Black (43%)



Cyan (65%)

Magenta (51%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5864849 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 5864849 by changing the saturation by 10% instead.





5864849



5864849

16777215



4220023



9286343



2575455



11062755



734535



12904959



8240



14745599



1308



16646143



0



5864849



5864849



4946065



6849169



3961745



7767953

■ 2977169

■ 8752529

■ 2058385

■ 9671313

■ 1139601

■ 10655633

■ 155281

■ 11574417

■ 23953

■ 12558737

■ 13477521

■ 14396561

# Harmonies

## Analogous

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



5341319



5864849



6977940

# Triad

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



5864849



9727607



7502945

# Complementary

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



5864849



9530713

# 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.



8484956



5864849



9793385

# Square

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



5864849



9203845



9335647



6455147

# Rectangle

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



5864849



7829138



9335647



7830366



# Sweetspot

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



5864849



10925501



5869933



5331550



14606046



6184542



# Same Dimension

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



5864849



6725309



5857681



4212039



22407



1288



# Inverse Universe

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



9525629



12412574



9537881



4669509



8847447



524293



# Previews

## White Background



This preview shows how the Decimal color 5864849 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 5864849 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

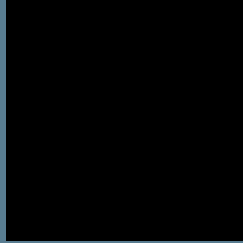
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

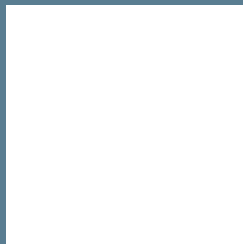
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5864849 Background



This preview shows how black text looks on a background with the Decimal color 5864849.



This preview shows how white text looks on a background with the Decimal color 5864849.

# 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**  
5864849

**Protanopia**  
7567245

**Deuteranopia**  
7763347



# Trichromacy



**Original Color**  
5864849

**Protanomaly**  
6977934

**Deuteranomaly**  
7043218

**Tritanomaly**  
5799564

# Monochromacy



**Original Color**  
5864849

**Achromatopsia**  
7697781

**Achromatomaly**  
7043199

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5864849 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 #597D91 looks like.

```
.text, #text, p{  
    color:#597D91  
}
```

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 #597D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597D91
}
```

## Border

The CSS property to change the border of an element to Decimal 5864849 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
#597D91 }
```

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

```
.border{ border-color:#597D91 }
```

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

Here you see how a box with a 4 pixel #597D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597D91; -webkit-box-shadow:4px 4px  
4px 4px #597D91; box-shadow:4px 4px 4px  
4px #597D91 }
```

# Background

The CSS property to change the background color of an element to Decimal 5864849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597D91 }
```

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

```
.background{ background-color:#597D91 }
```

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](#).



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