

# Converting Colors

Decimal(5870228)

Have a look what the booklet for  
Decimal(5870228) contains.

<b>Decimal(5870228)</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(5870228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	599294
RGB	89, 146, 148
RGB Percent	35%, 57%, 58%
CMY	0.6510, 0.4275, 0.4196
CMYK	0.40, 0.01, 0.00, 0.42
HSL	182°, 25%, 46%
HSV	182°, 40%, 58%
XYZ	19.7440, 24.8197, 31.7670
YIQ	129.1850, -34.6140, -11.4620

# Conversions

## Conversions Part 2

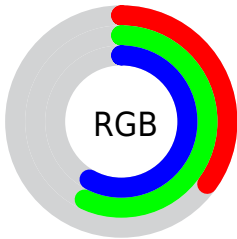
Format	Color
R <sub>Y</sub> B	89, 118, 148
Decimal	5870228
CIE Lab	56.90, -18.10, -6.96
CIE LCh	57, 19.393, 201.032
Yxy	24.8197, 0.2587, 0.3252
Android (android.graphics.Color)	4284060308 (0xFF599294)
YUV	129.1850, 9.2758, -35.2422
Hunter-Lab	49.8194, -16.4424, -2.9323

# Details

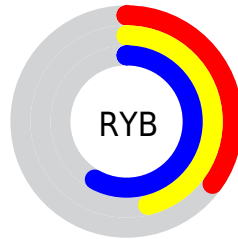
The Decimal color **5870228** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9722713**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **9357514**, and **2383713** is the 20% darker color. If you saturate the color by 10%, you get **4886932**, and if you desaturate by 10%, it is **6853524**.

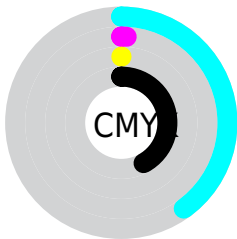
# Distribution



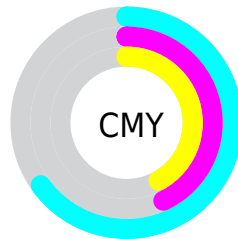
- Red (35%)
- Green (57%)
- Blue (58%)



- Red (35%)
- Yellow (46%)
- Blue (58%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (43%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5870228 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 5870228 by changing the saturation by 10% instead.



■ 5870228

■ 5870228

16777215

■ 4159610

■ 9357514

■ 2383713

■ 11134182

■ 149322

■ 12976127

■ 12595

■ 14876671

■ 7454

■ 4

■ 0

■ 5870228

■ 5870228

■ 4886932

■ 6853524

3903892

7836564

2986132

8754324

2003092

9737364

1019796

10720660

36756

11703700

12686996

13604500

14587796

# Harmonies

## Analogous

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



6591107



5870228



6066338

# Triad

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



5870228



10059934



10126951

# Complementary

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



5870228



9722713

# 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.



10911855



5870228



10976654

# Square

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



5870228



8750760



11238781



9014121

# Rectangle

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



5870228



6786472



11238781



10454121



# Sweetspot

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



5870228



11058879



5870683



5464161



14737632



6381921



# Same Dimension

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



5870228



6536383



5862804



4409930



34186



2570



# Inverse Universe

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



9722258



12542908



9730137



4866890



9044101

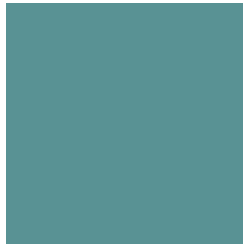


655370



# Previews

## White Background



This preview shows how the Decimal color 5870228 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 5870228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

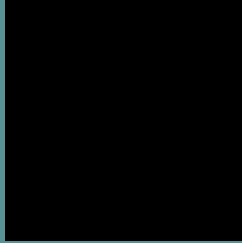
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5870228 Background



This preview shows how black text looks on a background with the Decimal color 5870228.

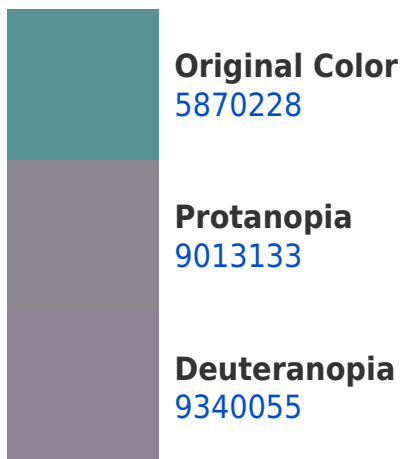


This preview shows how white text looks on a background with the Decimal color 5870228.

# 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**  
6001052

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5870228 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 #599294 looks like.

```
.text, #text, p{  
    color:#599294  
}
```

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 #599294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599294
}
```

## Border

The CSS property to change the border of an element to Decimal 5870228 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
#599294 }
```

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

```
.border{ border-color:#599294 }
```

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

Here you see how a box with a 4 pixel #599294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599294; -webkit-box-shadow:4px 4px  
4px 4px #599294; box-shadow:4px 4px 4px  
4px #599294 }
```

# Background

The CSS property to change the background color of an element to Decimal 5870228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599294 }
```

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

```
.background{ background-color:#599294 }
```

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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