

Converting Colors

Decimal(5898649)

Have a look what the booklet for
Decimal(5898649) contains.

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Color

Decimal(5898649)

Conversions

Conversions Part 1

Format	Color
Hex	5A0199
RGB	90, 1, 153
RGB Percent	35%, 0%, 60%
CMY	0.6471, 0.9961, 0.4000
CMYK	0.41, 0.99, 0.00, 0.40
HSL	275°, 99%, 30%
HSV	275°, 99%, 60%
XYZ	9.9771, 4.4953, 30.4788
YIQ	44.9390, 4.2520, 66.1400

Conversions

Conversions Part 2

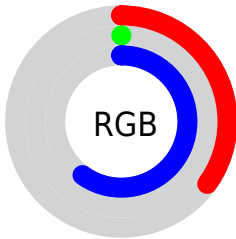
Format	Color
R _Y B	90, 1, 153
Decimal	5898649
CIE Lab	25.25, 58.08, -59.72
CIE LCh	25, 83.303, 314.203
Yxy	4.4953, 0.2220, 0.1000
Android (android.graphics.Color)	4284088729 (0xFF5A0199)
YUV	44.9390, 53.2741, 39.5185
Hunter-Lab	21.2021, 46.8933, -70.3903

Details

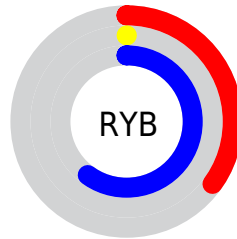
The Decimal color **5898649** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4233473**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **9651152**, and **1966181** is the 20% darker color. If you saturate the color by 10%, you get **5898393**, and if you desaturate by 10%, it is **6295705**.

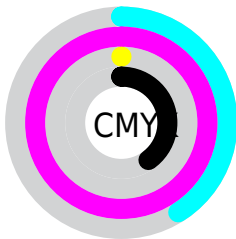
Distribution



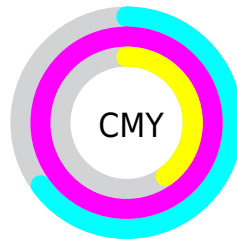
- Red (35%)
- Green (0%)
- Blue (60%)



- Red (35%)
- Yellow (0%)
- Blue (60%)



- Cyan (41%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5898649 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 5898649 by changing the saturation by 10% instead.

■ 5898649

■ 5898649

16777215

■ 3997822

■ 9651152

■ 1966181

■ 11492845

■ 76

■ 13465855

■ 1076

■ 15373311

■ 542

■ 16756735

■ 0

■ 16763903

■ 16771327

■ 5898649

■ 5898649

■ 5898393

■ 6295705

■ 6758553

■ 7155609

■ 7552665

■ 8015513

■ 8412569

■ 8809625

■ 9272217

■ 9669529

Harmonies

Analogous

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



15803



5898649



9699424

Triad

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



5898649



6630400



20826

Complementary

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



5898649



4233473

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.



20245



5898649



3031808

Square

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



5898649



9175040



19456



21141

Rectangle

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



5898649



10485815



19456



20548

Sweetspot

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



5898649



11439047



82073



5587043



14935011



6513507

Same Dimension

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



5898649



7602375



10027404



4801869



5374092



458765

Inverse Universe

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



10027328



13041746



104718



5064008



9175098



851973

Previews

White Background



This preview shows how the Decimal color 5898649 looks on a white background.

Color Contrast Check

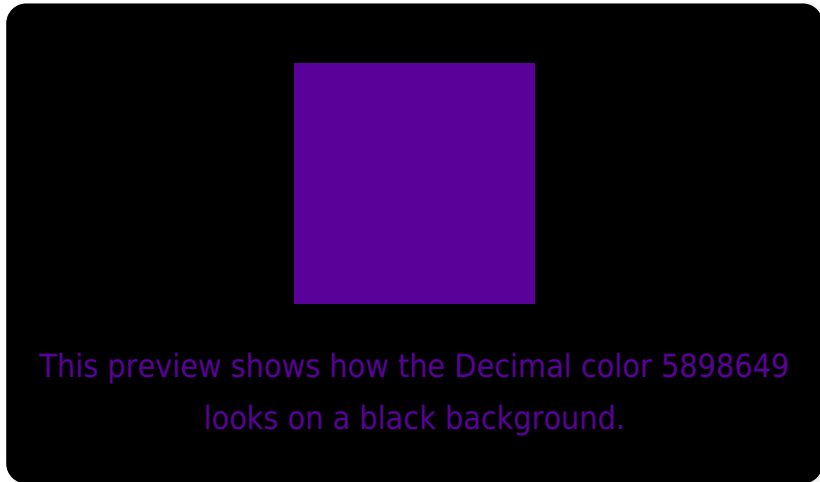
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

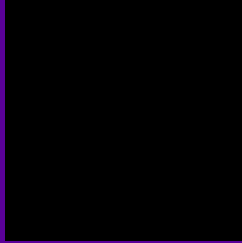
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5898649 Background



This preview shows how black text looks on a background with the Decimal color 5898649.

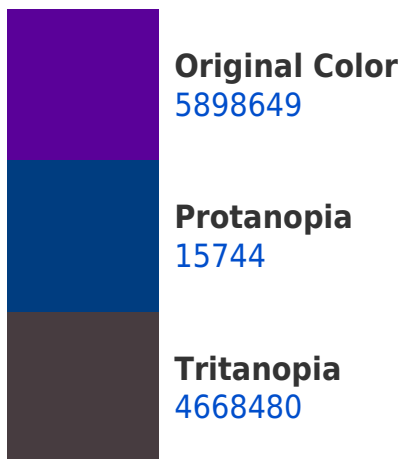


This preview shows how white text looks on a background with the Decimal color 5898649.

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

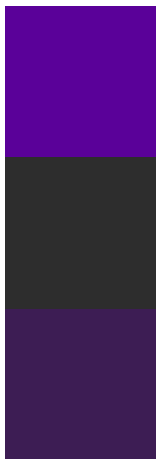


Original Color
5898649

Protanomaly
2172809

Tritanomaly
5121888

Monochromacy



Original Color
5898649

Achromatopsia
2960685

Achromatomaly
4005204

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5898649 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 #5A0199 looks like.

```
.text, #text, p{  
    color:#5A0199  
}
```

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 #5A0199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0199
}
```

Border

The CSS property to change the border of an element to Decimal 5898649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

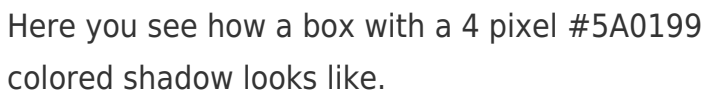
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0199 }
```

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

```
.border{ border-color:#5A0199 }
```

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



Here you see how a box with a 4 pixel #5A0199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0199; -webkit-box-shadow:4px 4px  
4px 4px #5A0199; box-shadow:4px 4px 4px  
4px #5A0199 }
```

Background

The CSS property to change the background color of an element to Decimal 5898649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0199 }
```

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

```
.background{ background-color:#5A0199 }
```

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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