

Converting Colors

Decimal(5848209)

Have a look what the booklet for
Decimal(5848209) contains.

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Color

Decimal(5848209)

Conversions

Conversions Part 1

Format	Color
Hex	593C91
RGB	89, 60, 145
RGB Percent	35%, 24%, 57%
CMY	0.6510, 0.7647, 0.4314
CMYK	0.39, 0.59, 0.00, 0.43
HSL	260°, 41%, 40%
HSV	260°, 59%, 57%
XYZ	10.8465, 7.3999, 27.6447
YIQ	78.3610, -10.0010, 32.5830

Conversions

Conversions Part 2

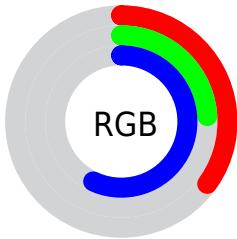
Format	Color
R_{YB}	89, 60, 145
Decimal	5848209
CIE _{Lab}	32.70, 32.61, -42.68
CIE _{LCh}	33, 53.708, 307.382
Yxy	7.3999, 0.2364, 0.1612
Android (android.graphics.Color)	4284038289 (0xFF593C91)
YUV	78.3610, 32.8530, 9.3304
Hunter-Lab	27.2028, 23.5682, -41.2113

Details

The Decimal color **5848209** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7639356**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **9334216**, and **2363230** is the 20% darker color. If you saturate the color by 10%, you get **5189009**, and if you desaturate by 10%, it is **6507409**.

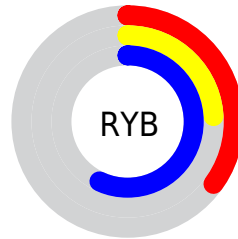
Distribution



 Red (35%)

 Green (24%)

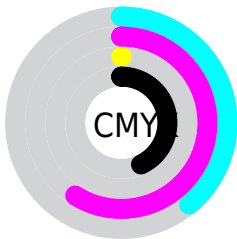
 Blue (57%)




 Red (35%)

 Yellow (24%)

 Blue (57%)

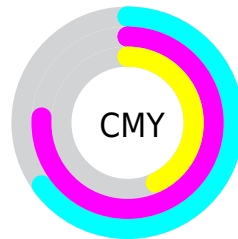


 Cyan (39%)

 Magenta (59%)

 Yellow (0%)

 Black (43%)



 Cyan (65%)

 Magenta (76%)

 Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5848209 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 5848209 by changing the saturation by 10% instead.

■ 5848209

■ 5848209

16777215

■ 4138359

■ 9334216

■ 2363230

■ 11175652

■ 589894

■ 13017599

■ 814

■ 14925055

■ 281

■ 16767231

■ 0

■ 16774399

■ 5848209

■ 5848209

■ 5189009

■ 6507409

■ 4595601

■ 7100817

■ 3936657

■ 7760017

■ 3342993

■ 8353425

■ 3211409

■ 9012625

■ 9606033

■ 10265233

■ 10858641

■ 11517841

Harmonies

Analogous

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



20386



5848209



8790894

Triad

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



5848209



7814656



24407

Complementary

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



5848209



7639356

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.



23850



5848209



5590784

Square

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



5848209



9381915



2447360



24448

Rectangle

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



5848209



9639251



2447360



24392

Sweetspot

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



5848209



10918845



3962257



5327454



14606046



6184542

Same Dimension

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



5848209



6699453



8600721



4407367



3014791



196616

Inverse Universe

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



9518196



12401040



4886844



4669509



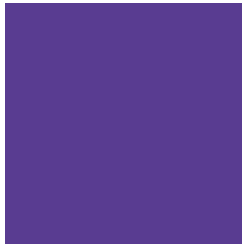
8847449



524293

Previews

White Background



This preview shows how the Decimal color 5848209 looks on a white background.

Color Contrast Check

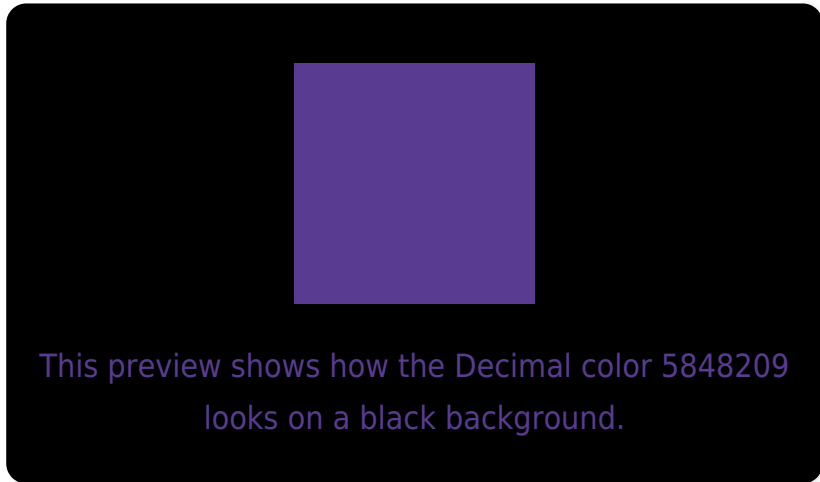
Large Text (above 18pt) WCAG AA ✓ Pass

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

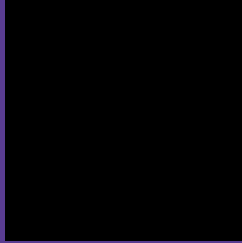
Any Text WCAG AA × Fail

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 5848209 Background



This preview shows how black text looks on a background with the Decimal color 5848209.

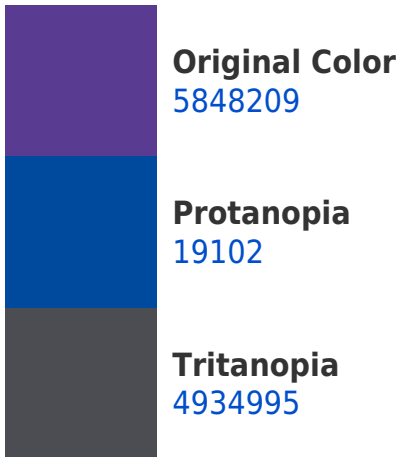


This preview shows how white text looks on a background with the Decimal color 5848209.

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

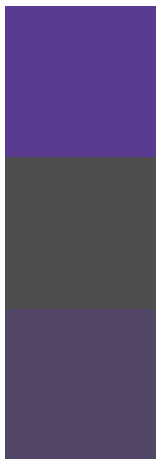


Original Color
5848209

Protanomaly
2114969

Tritanomaly
5261162

Monochromacy



Original Color
5848209

Achromatopsia
5131854

Achromatomaly
5392230

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5848209 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 #593C91 looks like.

```
.text, #text, p{  
    color:#593C91  
}
```

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 #593C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593C91
}
```

Border

The CSS property to change the border of an element to Decimal 5848209 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
#593C91 }
```

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

```
.border{ border-color:#593C91 }
```

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

Here you see how a box with a 4 pixel #593C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593C91; -webkit-box-shadow:4px 4px  
4px 4px #593C91; box-shadow:4px 4px 4px  
4px #593C91 }
```

Background

The CSS property to change the background color of an element to Decimal 5848209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593C91 }
```

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

```
.background{ background-color:#593C91 }
```

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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