

Converting Colors

Decimal(5859250)

Have a look what the booklet for
Decimal(5859250) contains.

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Color

Decimal(5859250)

Conversions

Conversions Part 1

Format	Color
Hex	5967B2
RGB	89, 103, 178
RGB Percent	35%, 40%, 70%
CMY	0.6510, 0.5961, 0.3020
CMYK	0.50, 0.42, 0.00, 0.30
HSL	231°, 37%, 52%
HSV	231°, 50%, 70%
XYZ	17.0060, 15.0387, 44.1259
YIQ	107.3640, -32.4190, 20.3570

Conversions

Conversions Part 2

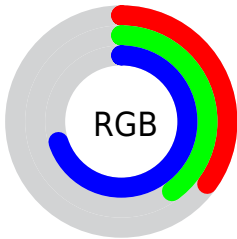
Format	Color
R _Y B	89, 101, 178
Decimal	5859250
CIE Lab	45.69, 15.85, -41.65
CIE LCh	46, 44.562, 290.839
Yxy	15.0387, 0.2233, 0.1974
Android (android.graphics.Color)	4284049330 (0xFF5967B2)
YUV	107.3640, 34.8235, -16.1052
Hunter-Lab	38.7798, 10.4124, -40.3179

Details

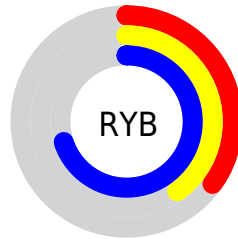
The Decimal color **5859250** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11707481**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9476842**, and **2046333** is the 20% darker color. If you saturate the color by 10%, you get **4675762**, and if you desaturate by 10%, it is **7042738**.

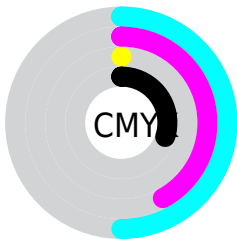
Distribution



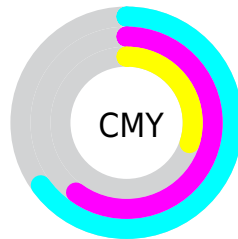
- Red (35%)
- Green (40%)
- Blue (70%)



- Red (35%)
- Yellow (40%)
- Blue (70%)



- Cyan (50%)
- Magenta (42%)
- Yellow (0%)
- Black (30%)



- Cyan (65%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5859250 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 5859250 by changing the saturation by 10% instead.

■ 5859250

■ 5859250

16777215

■ 4018071

■ 9476842

■ 2046333

■ 11318783

■ 9059

■ 13160703

■ 3915

■ 15068415

■ 1076

■ 542

■ 0

■ 5859250

■ 5859250

■ 4675762

■ 7042738

■ 3492274

■ 8226226

■ 2374322

■ 9344178

■ 1190834

■ 10527666

■ 7346

■ 11711154

■ 12894642

■ 14078130

■ 15196082

■ 16379570

Harmonies

Analogous

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



29878



5859250



9328540

Triad

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



5859250



10770483



32351

Complementary

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



5859250



11707481

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.



3766843



5859250



9070110

Square

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



5859250



11553876



6779425



32390

Rectangle

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



5859250



10702469



6779425



32082

Sweetspot

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



5859250



12962792



5878435



6317173



16119285



7697781

Same Dimension

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



5859250



6124520



7821746



5263961



6297



1050

Inverse Universe

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



11688295



15228275



9744985



5853266



10027032



1703940

Previews

White Background



This preview shows how the Decimal color 5859250 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 × Fail

Black Background



This preview shows how the Decimal color 5859250 looks on a black 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

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

Decimal 5859250 Background



This preview shows how black text looks on a background with the Decimal color 5859250.

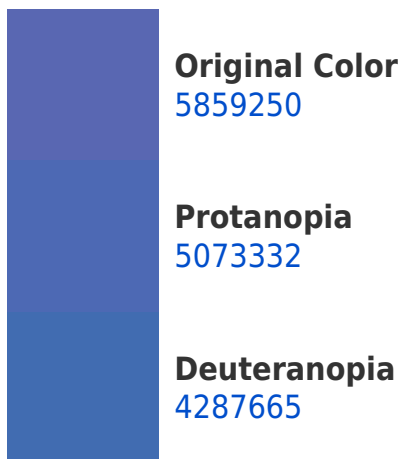


This preview shows how white text looks on a background with the Decimal color 5859250.

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
5859250

Protanomaly
5335219

Deuteranomaly
4876977

Tritanomaly
5140368

Monochromacy



Original Color
5859250

Achromatopsia
7039851

Achromatomaly
6580869

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5859250 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 #5967B2 looks like.

```
.text, #text, p{  
    color:#5967B2  
}
```

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 #5967B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5967B2
}
```

Border

The CSS property to change the border of an element to Decimal 5859250 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".

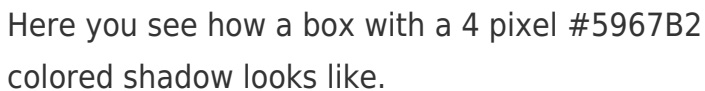
```
.border, #border, table{ border:4px solid
#5967B2 }
```

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

```
.border{ border-color:#5967B2 }
```

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

Here you see how a box with a 4 pixel #5967B2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5967B2; -webkit-box-shadow:4px 4px  
4px 4px #5967B2; box-shadow:4px 4px 4px  
4px #5967B2 }
```

Background

The CSS property to change the background color of an element to Decimal 5859250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5967B2 }
```

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

```
.background{ background-color:#5967B2 }
```

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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