

Converting Colors

Decimal(5985172)

Have a look what the booklet for
Decimal(5985172) contains.

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Color

Decimal(5985172)

Conversions

Conversions Part 1

Format	Color
Hex	5B5394
RGB	91, 83, 148
RGB Percent	36%, 33%, 58%
CMY	0.6431, 0.6745, 0.4196
CMYK	0.39, 0.44, 0.00, 0.42
HSL	247°, 28%, 45%
HSV	247°, 44%, 58%
XYZ	12.7529, 10.5488, 29.3809
YIQ	92.8020, -16.0970, 21.9110

Conversions

Conversions Part 2

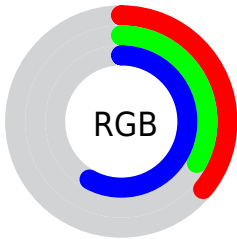
Format	Color
R_{YB}	91, 83, 148
Decimal	5985172
CIE _{Lab}	38.81, 19.72, -34.74
CIE _{LCh}	39, 39.949, 299.585
Yxy	10.5488, 0.2421, 0.2002
Android (android.graphics.Color)	4284175252 (0xFF5B5394)
YUV	92.8020, 27.2126, -1.5804
Hunter-Lab	32.4789, 13.2505, -30.8995

Details

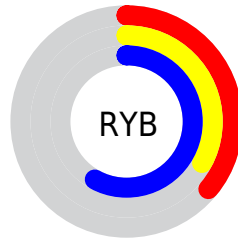
The Decimal color **5985172** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9213011**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **9471434**, and **2631265** is the 20% darker color. If you saturate the color by 10%, you get **5129364**, and if you desaturate by 10%, it is **6840980**.

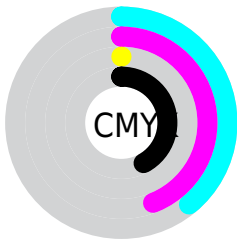
Distribution



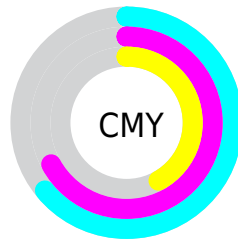
- Red (36%)
- Green (33%)
- Blue (58%)



- Red (36%)
- Yellow (33%)
- Blue (58%)



- Cyan (39%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5985172 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 5985172 by changing the saturation by 10% instead.

■ 5985172

■ 5985172

16777215

■ 4340858

■ 9471434

■ 2631265

■ 11247591

■ 725577

■ 13089535

■ 50

■ 14931455

■ 284

■ 16773887

■ 0

■ 5985172

■ 5985172

■ 5129364

■ 6840980

■ 4273556

■ 7696788

■ 3418004

■ 8552340

■ 2562196

■ 9408148

■ 1706388

■ 10263956

■ 1179796

■ 11119764

■ 11975572

■ 12831124

■ 13686932

Harmonies

Analogous

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



24476



5985172



8537469

Triad

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



5985172



8801571



27482

Complementary

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



5985172



9213011

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.



1927225



5985172



7166485

Square

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



5985172



9781565



5071647



27514

Rectangle

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



5985172



9518952



5071647



27215

Sweetspot

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



5985172



11118271



5475476



5460321



14737632



6381921

Same Dimension

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



5985172



6707903



8082324



4408138



1114250



65546

Inverse Universe

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



9720716



12540595



7115859



4866889



9044089



655369

Previews

White Background



This preview shows how the Decimal color 5985172 looks on a white background.

Color Contrast Check

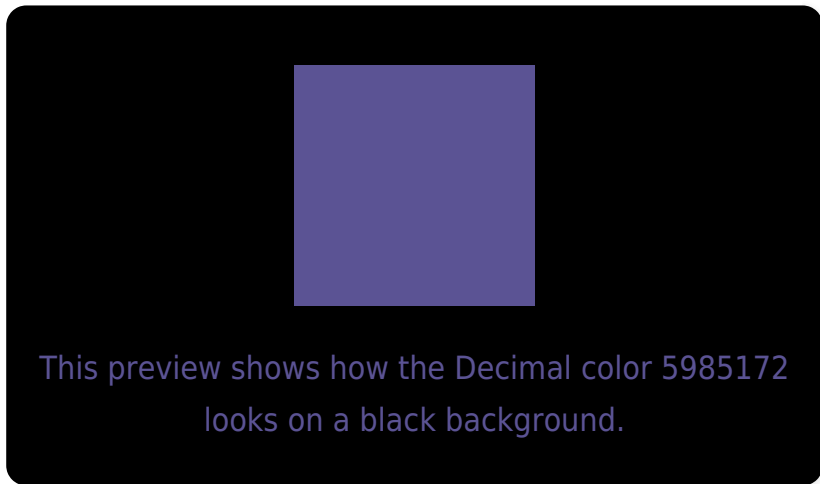
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

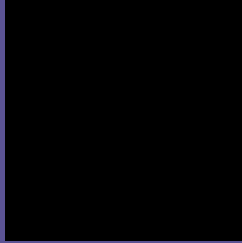
Any Text WCAG AA × Fail

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 5985172 Background



This preview shows how black text looks on a background with the Decimal color 5985172.

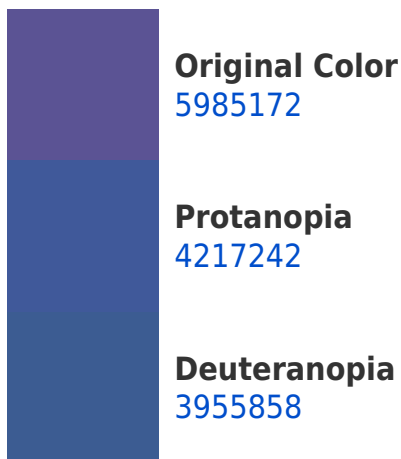


This preview shows how white text looks on a background with the Decimal color 5985172.

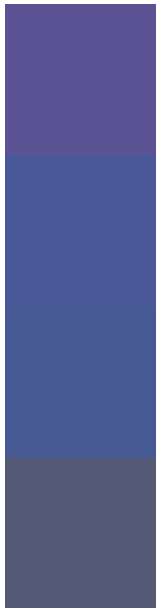
Color Blindness Simulation

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
5985172

Protanomaly
4872088

Deuteranomaly
4675987

Tritanomaly
5528182

Monochromacy



Original Color
5985172

Achromatopsia
6118749

Achromatomaly
6052209

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5985172 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 #5B5394 looks like.

```
.text, #text, p{  
    color:#5B5394  
}
```

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 #5B5394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5394
}
```

Border

The CSS property to change the border of an element to Decimal 5985172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

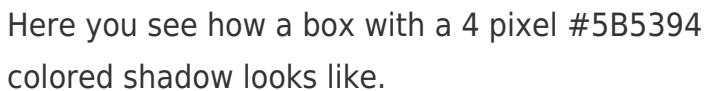
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5394 }
```

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

```
.border{ border-color:#5B5394 }
```

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



Here you see how a box with a 4 pixel #5B5394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5394; -webkit-box-shadow:4px 4px  
4px 4px #5B5394; box-shadow:4px 4px 4px  
4px #5B5394 }
```

Background

The CSS property to change the background color of an element to Decimal 5985172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5394 }
```

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

```
.background{ background-color:#5B5394 }
```

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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