

Converting Colors

Decimal(5985420)

Have a look what the booklet for
Decimal(5985420) contains.

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Color

Decimal(5985420)

Conversions

Conversions Part 1

Format	Color
Hex	5B548C
RGB	91, 84, 140
RGB Percent	36%, 33%, 55%
CMY	0.6431, 0.6706, 0.4510
CMYK	0.35, 0.40, 0.00, 0.45
HSL	248°, 25%, 44%
HSV	248°, 40%, 55%
XYZ	12.2183, 10.4582, 26.1856
YIQ	92.4770, -13.8040, 18.9000

Conversions

Conversions Part 2

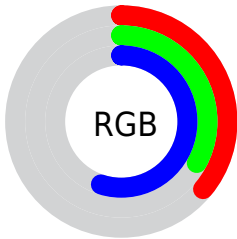
Format	Color
R_{YB}	91, 84, 140
Decimal	5985420
CIE _{Lab}	38.65, 16.77, -30.15
CIE _{LCh}	39, 34.498, 299.092
Yxy	10.4582, 0.2501, 0.2140
Android (android.graphics.Color)	4284175500 (0xFF5B548C)
YUV	92.4770, 23.4288, -1.2953
Hunter-Lab	32.3392, 10.8469, -25.3707

Details

The Decimal color **5985420** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8752212**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9406146**, and **2762585** is the 20% darker color. If you saturate the color by 10%, you get **5195404**, and if you desaturate by 10%, it is **6775436**.

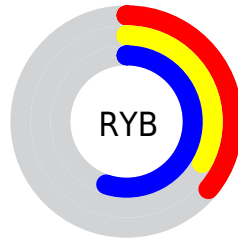
Distribution



Red (36%)

Green (33%)

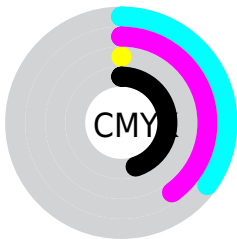
Blue (55%)



Red (36%)

Yellow (33%)

Blue (55%)

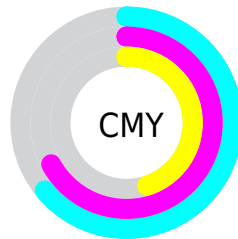


Cyan (35%)

Magenta (40%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5985420 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 5985420 by changing the saturation by 10% instead.

■ 5985420

■ 5985420

16777215

■ 4341106

■ 9406146

■ 2762585

■ 11182302

■ 1053506

■ 13024251

■ 43

■ 14866175

■ 278

■ 16774143

■ 0

■ 5985420

■ 5985420

■ 5195404

■ 6775436

■ 4339852

■ 7630988

■ 3549836

■ 8421004

■ 2759820

■ 9211020

■ 1969804

■ 10001036

■ 1179788

■ 10791052

■ 11646604

■ 12436620

■ 13226636

Harmonies

Analogous

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



2121363



5985420



8210808

Triad

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



5985420



8474411



26969

Complementary

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



5985420



8752212

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.



2844477



5985420



7100705

Square

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



5985420



9324097



5267752



26997

Rectangle

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



5985420



8995942



5267752



26703

Sweetspot

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



5985420



10657717



5539212



5328732



14408667



6052956

Same Dimension

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



5985420



6905525



7820428



4144709



1114245



65541

Inverse Universe

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



9196677



11886250



6917204



4537924



8716404



327684

Previews

White Background



This preview shows how the Decimal color 5985420 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 5985420 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 5985420 Background



This preview shows how black text looks on a background with the Decimal color 5985420.

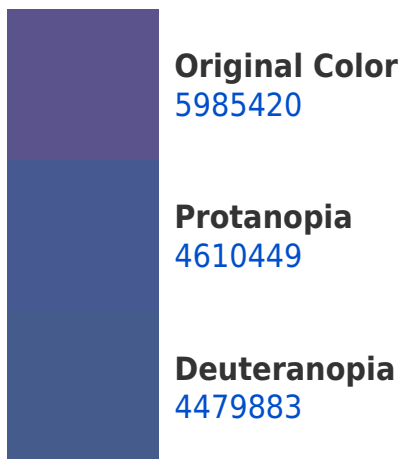


This preview shows how white text looks on a background with the Decimal color 5985420.

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
5397860

Trichromacy



Original Color
5985420

Protanomaly
5134223

Deuteranomaly
5003403

Tritanomaly
5593715

Monochromacy



Original Color
5985420

Achromatopsia
6052956

Achromatomaly
6052205

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5985420 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 #5B548C looks like.

```
.text, #text, p{  
    color:#5B548C  
}
```

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 #5B548C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B548C
}
```

Border

The CSS property to change the border of an element to Decimal 5985420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

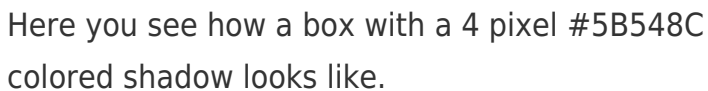
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B548C }
```

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

```
.border{ border-color:#5B548C }
```

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



Here you see how a box with a 4 pixel #5B548C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B548C; -webkit-box-shadow:4px 4px  
4px 4px #5B548C; box-shadow:4px 4px 4px  
4px #5B548C }
```

Background

The CSS property to change the background color of an element to Decimal 5985420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B548C }
```

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

```
.background{ background-color:#5B548C }
```

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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