

Converting Colors

Decimal(5985134)

Have a look what the booklet for
Decimal(5985134) contains.

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Color

Decimal(5985134)

Conversions

Conversions Part 1

Format	Color
Hex	5B536E
RGB	91, 83, 110
RGB Percent	36%, 33%, 43%
CMY	0.6431, 0.6745, 0.5686
CMYK	0.17, 0.25, 0.00, 0.57
HSL	258°, 14%, 38%
HSV	258°, 25%, 43%
XYZ	10.2221, 9.5364, 16.0538
YIQ	88.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

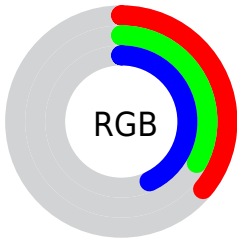
Format	Color
R_{YB}	91, 83, 110
Decimal	5985134
CIE _{Lab}	37.00, 9.34, -14.28
CIE _{LCh}	37, 17.067, 303.184
Yxy	9.5364, 0.2854, 0.2663
Android (android.graphics.Color)	4284175214 (0xFF5B536E)
YUV	88.4700, 10.6143, 2.2188
Hunter-Lab	30.8811, 5.0441, -9.2056

Details

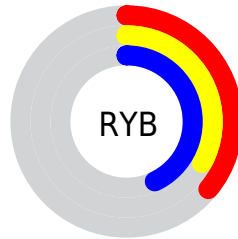
The Decimal color **5985134** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6712915**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9274530**, and **2958910** is the 20% darker color. If you saturate the color by 10%, you get **5458030**, and if you desaturate by 10%, it is **6512238**.

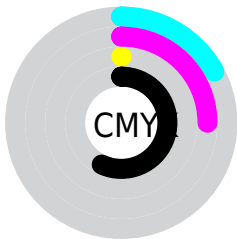
Distribution



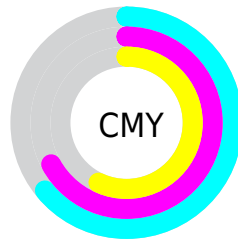
- Red (36%)
- Green (33%)
- Blue (43%)



- Red (36%)
- Yellow (33%)
- Blue (43%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5985134 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 5985134 by changing the saturation by 10% instead.

■ 5985134

■ 5985134

16777215

■ 4406358

■ 9274530

■ 2958910

■ 11050941

■ 1577512

■ 12827352

■ 275

■ 14669301

■ 0

■ 16577279

■ 5985134

■ 5985134

■ 5458030

■ 6512238

■ 4996462

■ 6973806

■ 4469358

■ 7500910

■ 3942254

■ 8028014

■ 3415150

■ 8555118

■ 2953582

■ 9016686

■ 2426478

■ 9543790

■ 2162798

■ 10070894

■ 10597998

Harmonies

Analogous

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



4741234



5985134



6967140

Triad

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



5985134



7033407



3366744

Complementary

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



5985134



6712915

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.



4283978



5985134



6248252

Square

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



5985134



7491145



5331776



2973286

Rectangle

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



5985134



7359835



5331776



3628883

Sweetspot

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



5985134



8947087



5465710



4407879



13092807



4671303

Same Dimension

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



5985134



7497103



6837102



3420728



2359416



4784375

Inverse Universe

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



7230310



9397635



5860947



3682870



7864404



16187566

Previews

White Background



This preview shows how the Decimal color 5985134 looks on a white background.

Color Contrast Check

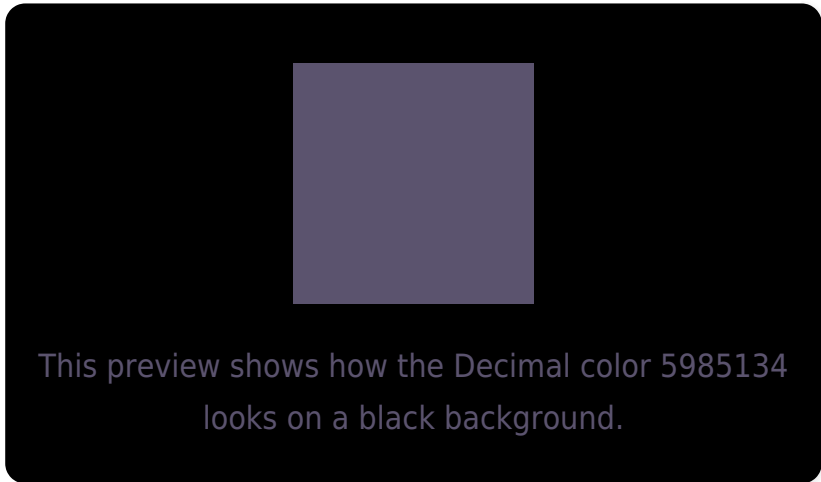
Large Text (above 18pt) WCAG AA ✓ Pass

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

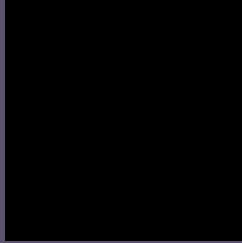
Any Text WCAG AA × Fail

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 5985134 Background



This preview shows how black text looks on a background with the Decimal color 5985134.



This preview shows how white text looks on a background with the Decimal color 5985134.

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



Original Color

5985134

Protanopia

5265008

Deuteranopia

5526894



Tritanopia
5789277

Trichromacy



Original Color

5985134

Protanomaly

5526895

Deuteranomaly

5723246

Tritanomaly

5854563

Monochromacy



Original Color

5985134

Achromatopsia

5789784

Achromatomaly

5854816

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5985134 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 #5B536E looks like.

```
.text, #text, p{  
  color:#5B536E  
}
```

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 #5B536E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B536E
}
```

Border

The CSS property to change the border of an element to Decimal 5985134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

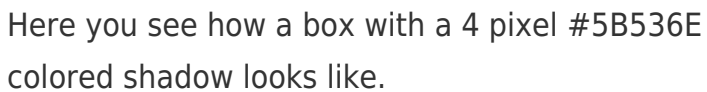
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B536E }
```

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

```
.border{ border-color:#5B536E }
```

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



Here you see how a box with a 4 pixel #5B536E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B536E; -webkit-box-shadow:4px 4px  
4px 4px #5B536E; box-shadow:4px 4px 4px  
4px #5B536E }
```

Background

The CSS property to change the background color of an element to Decimal 5985134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B536E }
```

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

```
.background{ background-color:#5B536E }
```

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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