

Converting Colors

Decimal(5986754)

Have a look what the booklet for
Decimal(5986754) contains.

Decimal(5986754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5986754)

Conversions

Conversions Part 1

Format	Color
Hex	5B59C2
RGB	91, 89, 194
RGB Percent	36%, 35%, 76%
CMY	0.6431, 0.6510, 0.2392
CMYK	0.53, 0.54, 0.00, 0.24
HSL	241°, 46%, 55%
HSV	241°, 54%, 76%
XYZ	17.6244, 13.2639, 52.6702
YIQ	101.5680, -32.5130, 33.0790

Conversions

Conversions Part 2

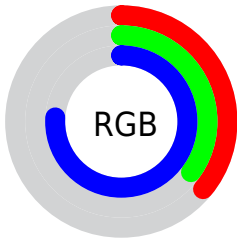
Format	Color
RYB	91, 89, 194
Decimal	5986754
CIELab	43.16, 30.13, -55.00
CIELCh	43, 62.713, 298.712
Yxy	13.2639, 0.2109, 0.1587
Android (android.graphics.Color)	4284176834 (0xFF5B59C2)
YUV	101.5680, 45.5690, -9.2681
Hunter-Lab	36.4197, 22.6460, -60.2515

Details

The Decimal color **5986754** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **12632665**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **9735163**, and **1649547** is the 20% darker color. If you saturate the color by 10%, you get **4736706**, and if you desaturate by 10%, it is **7236802**.

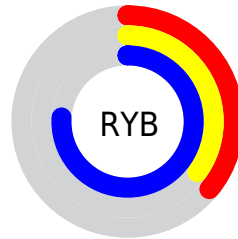
Distribution



Red (36%)

Green (35%)

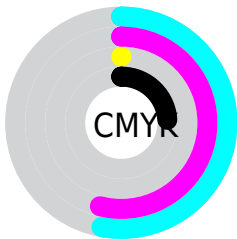
Blue (76%)



Red (36%)

Yellow (35%)

Blue (76%)

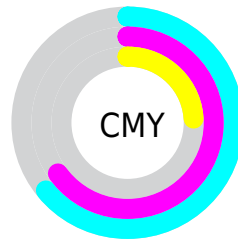


Cyan (53%)

Magenta (54%)

Yellow (0%)

Black (24%)



Cyan (64%)

Magenta (65%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5986754 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 5986754 by changing the saturation by 10% instead.

■ 5986754

■ 5986754

16777215

■ 4014758

■ 9735163

■ 1649547

■ 11642367

■ 6001

■ 13550079

■ 88

■ 15457791

■ 1600

■ 16775679

■ 809

■ 275

■ 0

■ 5986754

■ 5986754

■ 4736706

■ 7236802

■ 3486402

■ 8487106

■ 2236354

■ 9737154

■ 986050

■ 10987458

■ 262338

■ 12237506

■ 13487554

■ 14737858

■ 15987906

■ 16777154

Harmonies

Analogous

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



28111



5986754



10567069

Triad

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



5986754



10833152



31842

Complementary

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



5986754



12632665

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.



31019



5986754



8282880

Square

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



5986754



12333624



4878592



31895

Rectangle

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



5986754



12004220



4878592



31568

Sweetspot

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



5986754



14013692



5882050



6842240



0



8421504

Same Dimension

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



5986754



5986556



9394626



5724001



196769



65569

Inverse Universe

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



12736960



16537849



9224793



6379361



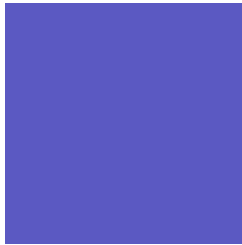
10551454



2162721

Previews

White Background



This preview shows how the Decimal color 5986754 looks on a white background.

Color Contrast Check

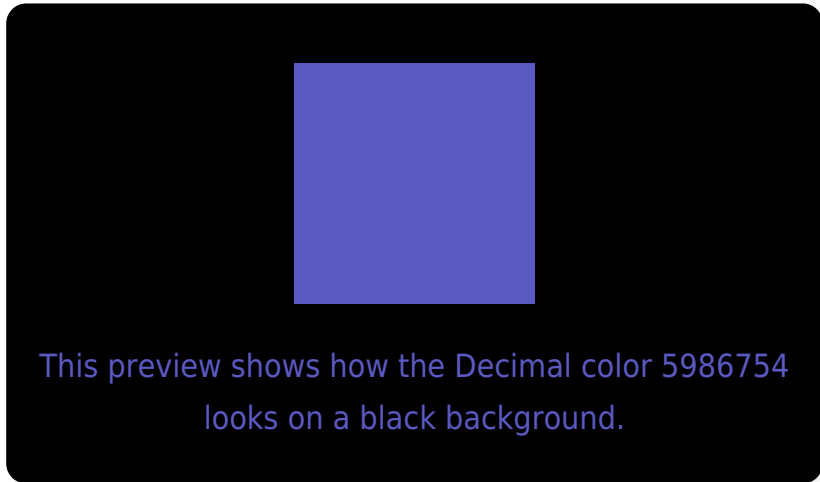
Large Text (above 18pt) WCAG AA ✓ Pass

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

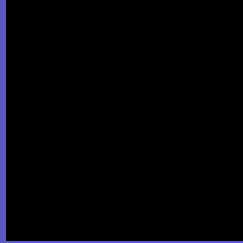
Any Text WCAG AA × Fail

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 5986754 Background



This preview shows how black text looks on a background with the Decimal color 5986754.



This preview shows how white text looks on a background with the Decimal color 5986754.

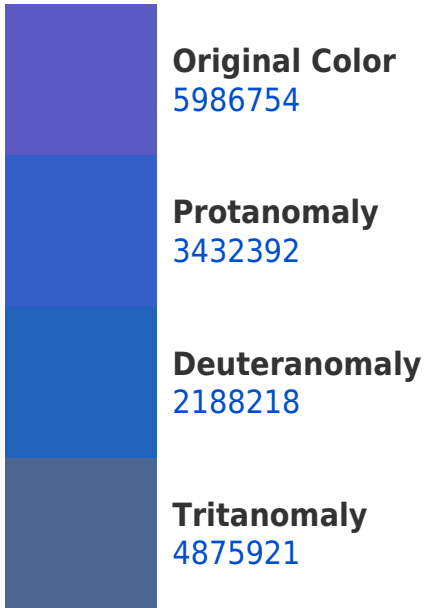
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5986754 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 #5B59C2 looks like.

```
.text, #text, p{  
  color:#5B59C2  
}
```

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 #5B59C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B59C2
}
```

Border

The CSS property to change the border of an element to Decimal 5986754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

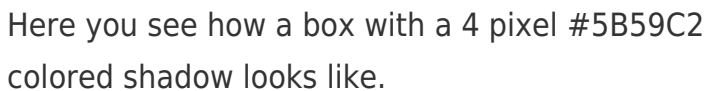
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B59C2 }
```

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

```
.border{ border-color:#5B59C2 }
```

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



Here you see how a box with a 4 pixel #5B59C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B59C2; -webkit-box-shadow:4px 4px  
4px 4px #5B59C2; box-shadow:4px 4px 4px  
4px #5B59C2 }
```

Background

The CSS property to change the background color of an element to Decimal 5986754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B59C2 }
```

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

```
.background{ background-color:#5B59C2 }
```

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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