

Converting Colors

Decimal(5986994)

Have a look what the booklet for
Decimal(5986994) contains.

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Color

Decimal(5986994)

Conversions

Conversions Part 1

Format	Color
Hex	5B5AB2
RGB	91, 90, 178
RGB Percent	36%, 35%, 70%
CMY	0.6431, 0.6471, 0.3020
CMYK	0.49, 0.49, 0.00, 0.30
HSL	241°, 36%, 53%
HSV	241°, 49%, 70%
XYZ	16.0064, 12.7508, 43.7370
YIQ	100.3310, -27.6520, 27.5800

Conversions

Conversions Part 2

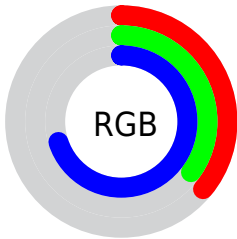
Format	Color
R_{YB}	91, 90, 178
Decimal	5986994
CIE _{Lab}	42.39, 24.45, -46.90
CIE _{LCh}	42, 52.895, 297.535
Yxy	12.7508, 0.2208, 0.1759
Android (android.graphics.Color)	4284177074 (0xFF5B5AB2)
YUV	100.3310, 38.2908, -8.1833
Hunter-Lab	35.7083, 17.5240, -47.6250

Details

The Decimal color **5986994** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11645530**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **9604330**, and **2174077** is the 20% darker color. If you saturate the color by 10%, you get **4802738**, and if you desaturate by 10%, it is **7171250**.

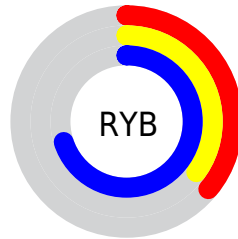
Distribution



Red (36%)

Green (35%)

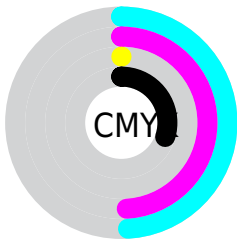
Blue (70%)



Red (36%)

Yellow (35%)

Blue (70%)

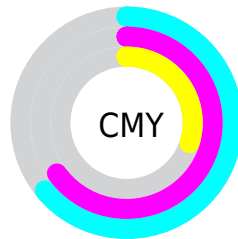


Cyan (49%)

Magenta (49%)

Yellow (0%)

Black (30%)



Cyan (64%)

Magenta (65%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5986994 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 5986994 by changing the saturation by 10% instead.

■ 5986994

■ 5986994

16777215

■ 4146071

■ 9604330

■ 2174077

■ 11446015

■ 6243

■ 13353727

■ 75

■ 15261439

■ 1075

■ 16775935

■ 541

■ 0

■ 5986994

■ 5986994

■ 4802738

■ 7171250

■ 3684018

■ 8289970

■ 2500018

■ 9473970

■ 1381298

■ 10592690

■ 197042

■ 11776946

■ 131250

■ 12961202

■ 14079922

■ 15263922

■ 16382642

Harmonies

Analogous

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



27324



5986994



9782676

Triad

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



5986994



10243863



30815

Complementary

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



5986994



11645530

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.



29746



5986994



8151296

Square

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



5986994



11484223



5336324



30859

Rectangle

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



5986994



11090296



5336324



30544

Sweetspot

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



5986994



13026792



5943986



6316149



16119285



7697781

Same Dimension

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



5986994



6381544



8805042



5263449



131225



26

Inverse Universe

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



11688625



15228902



8827482



5853273



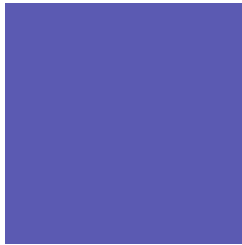
10027159



1703961

Previews

White Background



This preview shows how the Decimal color 5986994 looks on a white background.

Color Contrast Check

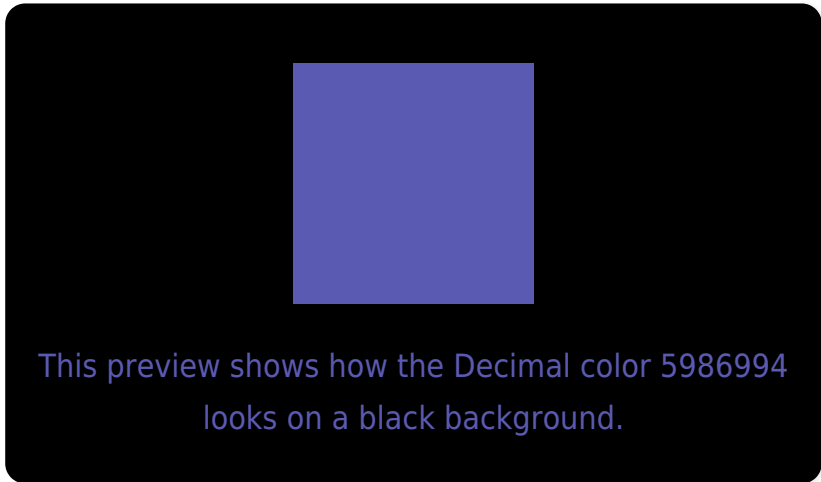
Large Text (above 18pt) WCAG AA ✓ Pass

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

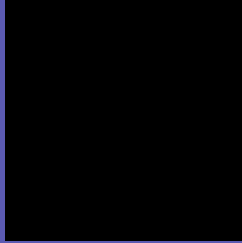
Any Text WCAG AA × Fail

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 5986994 Background



This preview shows how black text looks on a background with the Decimal color 5986994.



This preview shows how white text looks on a background with the Decimal color 5986994.

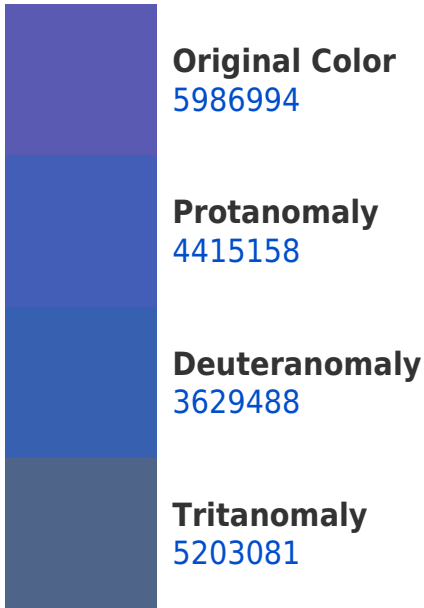
Color Blindness Simulation

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 5986994 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 #5B5AB2 looks like.

```
.text, #text, p{  
  color:#5B5AB2  
}
```

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 #5B5AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5AB2
}
```

Border

The CSS property to change the border of an element to Decimal 5986994 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
#5B5AB2 }
```

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

```
.border{ border-color:#5B5AB2 }
```

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

Here you see how a box with a 4 pixel #5B5AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5AB2; -webkit-box-shadow:4px 4px  
4px 4px #5B5AB2; box-shadow:4px 4px 4px  
4px #5B5AB2 }
```

Background

The CSS property to change the background color of an element to Decimal 5986994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5AB2 }
```

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

```
.background{ background-color:#5B5AB2 }
```

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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