

Converting Colors

Decimal(5980096)

Have a look what the booklet for
Decimal(5980096) contains.

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Color

Decimal(5980096)

Conversions

Conversions Part 1

Format	Color
Hex	5B3FC0
RGB	91, 63, 192
RGB Percent	36%, 25%, 75%
CMY	0.6431, 0.7529, 0.2471
CMYK	0.53, 0.67, 0.00, 0.25
HSL	253°, 51%, 50%
HSV	253°, 67%, 75%
XYZ	15.6063, 9.5849, 50.8967
YIQ	86.0780, -24.7210, 46.0550

Conversions

Conversions Part 2

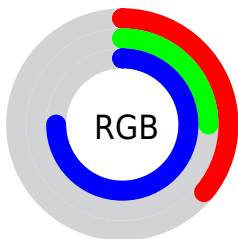
Format	Color
R_{YB}	91, 63, 192
Decimal	5980096
CIE _{Lab}	37.09, 44.97, -63.69
CIE _{LCh}	37, 77.965, 305.226
Yxy	9.5849, 0.2051, 0.1260
Android (android.graphics.Color)	4284170176 (0xFF5B3FC0)
YUV	86.0780, 52.2195, 4.3166
Hunter-Lab	30.9595, 35.8004, -75.7996

Details

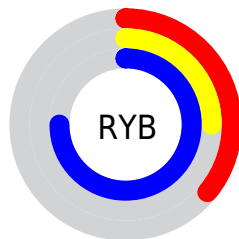
The Decimal color **5980096** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **10797119**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **9794041**, and **1380233** is the 20% darker color. If you saturate the color by 10%, you get **4992192**, and if you desaturate by 10%, it is **6968000**.

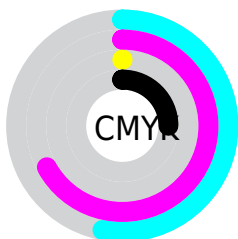
Distribution



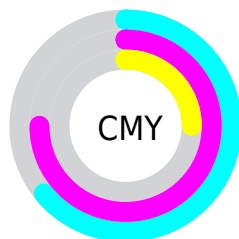
- Red (36%)
- Green (25%)
- Blue (75%)



- Red (36%)
- Yellow (25%)
- Blue (75%)



- Cyan (53%)
- Magenta (67%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5980096 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 5980096 by changing the saturation by 10% instead.

 5980096

 5980096

16777215

 3942308

 9794041

 1380233

 11701247

 111

 13673983

 86

 15647231

 1597

 16768511

 807

 16775935

 272

 0

 5980096

 5980096

■ 4992192

■ 6968000

■ 4004288

■ 7955904

■ 3016128

■ 8944064

■ 2752704

■ 9931968

■ 10919872

■ 11907776

■ 12895680

■ 13883840

■ 14871744

Harmonies

Analogous

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



24023



5980096



10944653

Triad

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



5980096



9649664



28513

Complementary

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



5980096



10797119

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.



27932



5980096



6445312

Square

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



5980096



11862033



1140224



28831

Rectangle

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



5980096



12255332



1140224



28491

Sweetspot

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



5980096



13879546



4170944



6643581



16579836



8224125

Same Dimension

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



5980096



5976058



10174400



5855073



2293921



458785

Inverse Universe

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



12599204



16396238



6602815



6379359



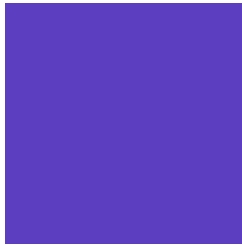
10551422



2162714

Previews

White Background



This preview shows how the Decimal color 5980096 looks on a white background.

Color Contrast Check

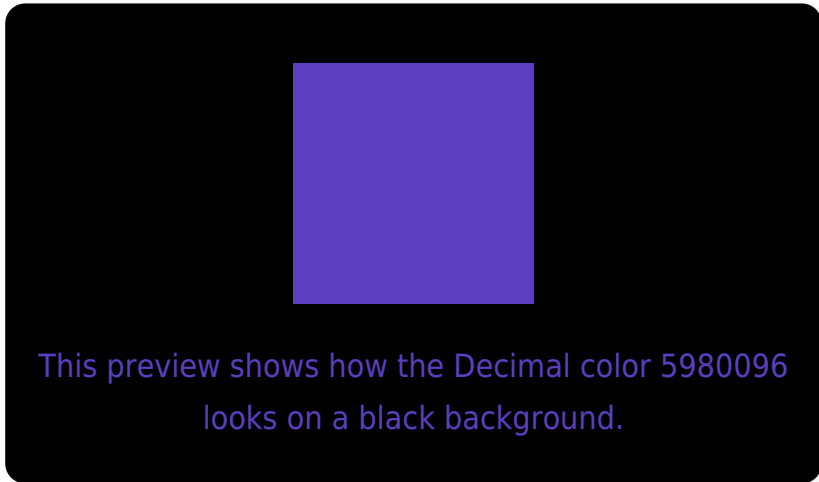
Large Text (above 18pt) WCAG AA ✓ Pass

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

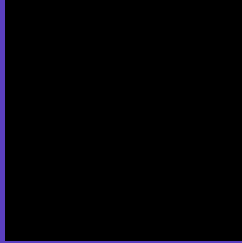
Any Text WCAG AA × Fail

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 5980096 Background



This preview shows how black text looks on a background with the Decimal color 5980096.



This preview shows how white text looks on a background with the Decimal color 5980096.

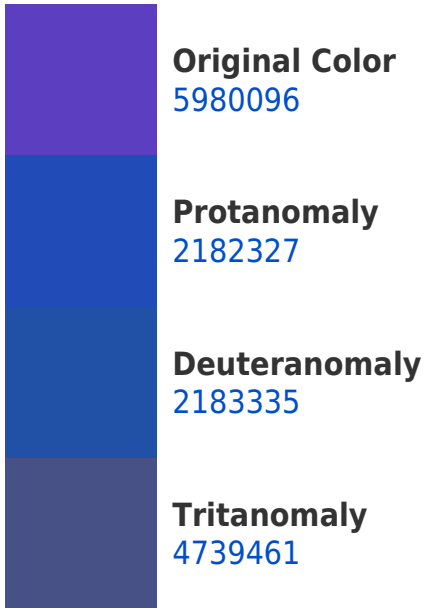
Color Blindness Simulation

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 5980096 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 #5B3FC0 looks like.

```
.text, #text, p{  
  color:#5B3FC0  
}
```

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 #5B3FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3FC0
}
```

Border

The CSS property to change the border of an element to Decimal 5980096 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
#5B3FC0 }
```

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

```
.border{ border-color:#5B3FC0 }
```

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

Here you see how a box with a 4 pixel #5B3FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3FC0; -webkit-box-shadow:4px 4px  
4px 4px #5B3FC0; box-shadow:4px 4px 4px  
4px #5B3FC0 }
```

Background

The CSS property to change the background color of an element to Decimal 5980096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3FC0 }
```

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

```
.background{ background-color:#5B3FC0 }
```

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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