

Converting Colors

Decimal(5729699)

Have a look what the booklet for
Decimal(5729699) contains.

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Color

Decimal(5729699)

Conversions

Conversions Part 1

Format	Color
Hex	576DA3
RGB	87, 109, 163
RGB Percent	34%, 43%, 64%
CMY	0.6588, 0.5725, 0.3608
CMYK	0.47, 0.33, 0.00, 0.36
HSL	223°, 30%, 49%
HSV	223°, 47%, 64%
XYZ	16.0100, 15.6079, 36.8191
YIQ	108.5780, -30.4460, 12.1300

Conversions

Conversions Part 2

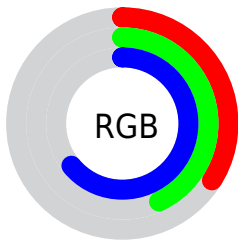
Format	Color
R_{YB}	87, 104, 163
Decimal	5729699
CIE _{Lab}	46.46, 6.93, -31.66
CIE _{LCh}	46, 32.405, 282.346
Yxy	15.6079, 0.2339, 0.2281
Android (android.graphics.Color)	4283919779 (0xFF576DA3)
YUV	108.5780, 26.8300, -18.9239
Hunter-Lab	39.5068, 3.1996, -27.6017

Details

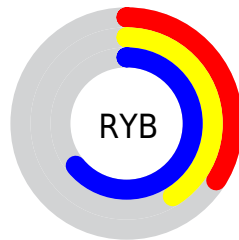
The Decimal color **5729699** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10718551**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **9216218**, and **2178671** is the 20% darker color. If you saturate the color by 10%, you get **4678051**, and if you desaturate by 10%, it is **6781347**.

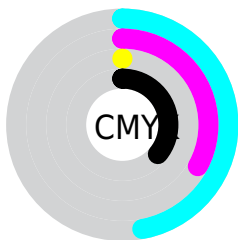
Distribution



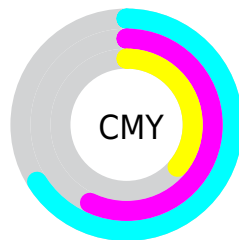
- Red (34%)
- Green (43%)
- Blue (64%)



- Red (34%)
- Yellow (41%)
- Blue (64%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5729699 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 5729699 by changing the saturation by 10% instead.

■ 5729699

■ 5729699

16777215

■ 4019593

■ 9216218

■ 2178671

■ 11058167

■ 10326

■ 12900351

■ 5183

■ 14808063

■ 808

16711679

■ 274

■ 0

■ 5729699

■ 5729699

■ 4678051

■ 6781347

■ 3561123

■ 7898275

■ 2509475

■ 8949923

■ 1458083

■ 10001315

■ 406435

■ 11118499

■ 12195

■ 12169891

■ 13221539

■ 14273187

■ 15390115

Harmonies

Analogous

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



1668513



5729699



8348566

Triad

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



5729699



10313291



3177309

Complementary

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



5729699



10718551

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.



566629



5729699



9267002

Square

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



5729699



10639460



7630904



31865

Rectangle

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



5729699



9592200



7630904



4094548

Sweetspot

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



5729699



11976660



5743500



5856875



15461355



7039851

Same Dimension

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



5729699



6127572



6707107



4803666



10897



1298

Inverse Universe

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



10704749



13917567



9741143



5392716



9502762



1179653

Previews

White Background



This preview shows how the Decimal color 5729699 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 5729699 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

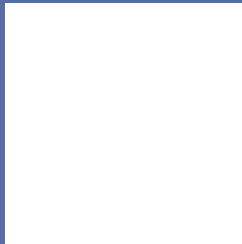
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5729699 Background



This preview shows how black text looks on a background with the Decimal color 5729699.

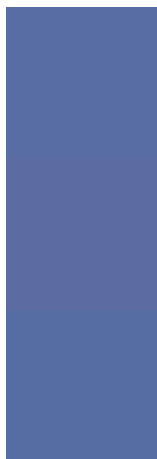


This preview shows how white text looks on a background with the Decimal color 5729699.

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

5729699

Protanopia

6057122

Deuteranopia

5664163

Trichromacy



Original Color
5729699

Protanomaly
5926050

Deuteranomaly
5664163

Tritanomaly
5271947

Monochromacy



Original Color
5729699

Achromatopsia
7171437

Achromatomaly
6647169

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5729699 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 #576DA3 looks like.

```
.text, #text, p{  
    color:#576DA3  
}
```

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 #576DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576DA3
}
```

Border

The CSS property to change the border of an element to Decimal 5729699 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
#576DA3 }
```

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

```
.border{ border-color:#576DA3 }
```

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

Here you see how a box with a 4 pixel #576DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576DA3; -webkit-box-shadow:4px 4px  
4px 4px #576DA3; box-shadow:4px 4px 4px  
4px #576DA3 }
```

Background

The CSS property to change the background color of an element to Decimal 5729699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576DA3 }
```

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

```
.background{ background-color:#576DA3 }
```

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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