

Converting Colors

Decimal(5729500)

Have a look what the booklet for
Decimal(5729500) contains.

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Color

Decimal(5729500)

Conversions

Conversions Part 1

Format	Color
Hex	576CDC
RGB	87, 108, 220
RGB Percent	34%, 42%, 86%
CMY	0.6588, 0.5765, 0.1373
CMYK	0.60, 0.51, 0.00, 0.14
HSL	231°, 66%, 60%
HSV	231°, 60%, 86%
XYZ	22.2113, 17.9187, 69.9981
YIQ	114.4890, -48.4680, 30.3800

Conversions

Conversions Part 2

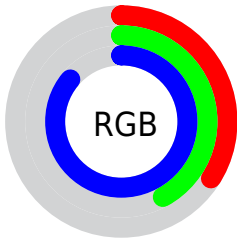
Format	Color
R_{YB}	87, 105, 220
Decimal	5729500
CIE _{Lab}	49.40, 26.09, -59.86
CIE _{LCh}	49, 65.297, 293.550
Yxy	17.9187, 0.2017, 0.1627
Android (android.graphics.Color)	4283919580 (0xFF576CDC)
YUV	114.4890, 52.0169, -24.1079
Hunter-Lab	42.3304, 19.5829, -68.4113

Details

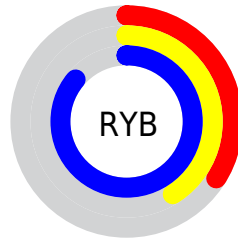
The Decimal color **5729500** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **14468951**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9674751**, and **15780** is the 20% darker color. If you saturate the color by 10%, you get **4282844**, and if you desaturate by 10%, it is **7176156**.

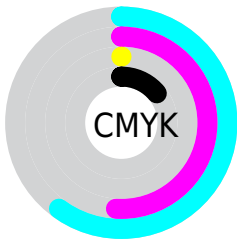
Distribution



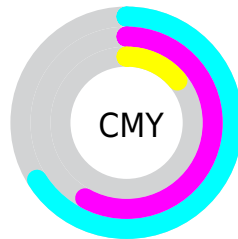
- Red (34%)
- Green (42%)
- Blue (86%)



- Red (34%)
- Yellow (41%)
- Blue (86%)



- Cyan (60%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5729500 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 5729500 by changing the saturation by 10% instead.

■ 5729500

■ 5729500

16777215

■ 3495104

■ 9674751

■ 15780

■ 11647743

■ 10377

■ 13620991

■ 5487

■ 15594239

■ 86

■ 1598

■ 807

■ 272

■ 0

■ 5729500

■ 5729500

■ 4282844

■ 7176156

■ 2836444

■ 8622556

■ 1389788

■ 10069212

■ 9180

■ 11515612

■ 12962268

■ 14408668

■ 15855324

■ 16777180

Harmonies

Analogous

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



32996



5729500



11227320

Triad

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



5729500



12539671



36199

Complementary

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



5729500



14468951

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.



35117



5729500



9989888

Square

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



5729500



13974605



6586112



36512

Rectangle

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



5729500



13123222



6586112



35924

Sweetspot

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



5729500



13752575



5758150



6514816



0



8421504

Same Dimension

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



5729500



4547327



8607708



6513774



7085



1838

Inverse Universe

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



14440300



16729442



11590743



7234404



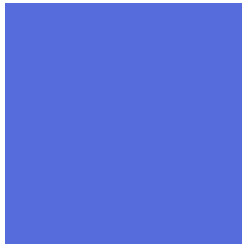
11337755



3014663

Previews

White Background



This preview shows how the Decimal color 5729500 looks on a white background.

Color Contrast Check

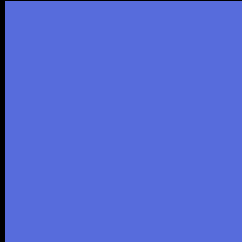
Large Text (above 18pt) WCAG AA ✓ Pass

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 5729500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

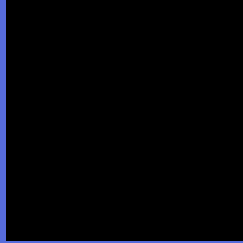
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5729500 Background



This preview shows how black text looks on a background with the Decimal color 5729500.

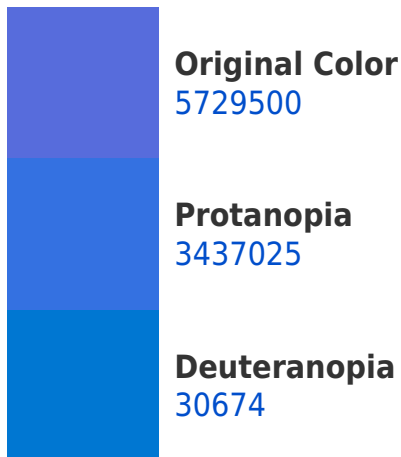


This preview shows how white text looks on a background with the Decimal color 5729500.

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](#).

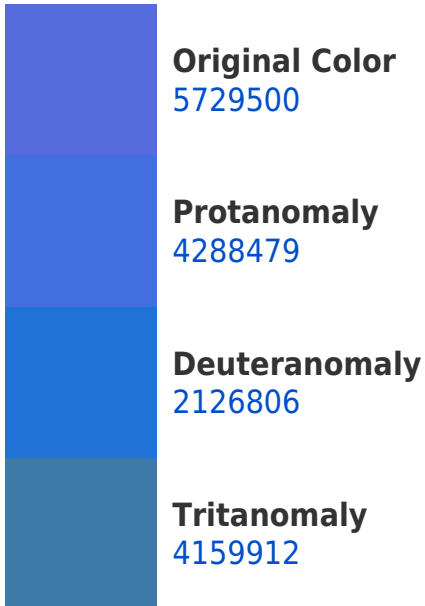
Dichromacy





Tritanopia
3244170

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5729500 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 #576CDC looks like.

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

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 #576CDC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 5729500 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".

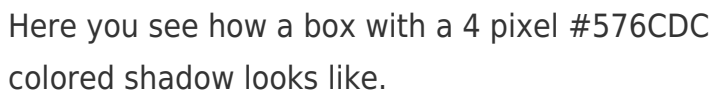
```
.border, #border, table{ border:4px solid
#576CDC }
```

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

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

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

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border on the top, bottom, and left sides. The right side of the box is open, and there is a blue shadow cast to the right of the box.

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

Background

The CSS property to change the background color of an element to Decimal 5729500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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