

# Converting Colors

Decimal(5729746)

Have a look what the booklet for  
Decimal(5729746) contains.

<b>Decimal(5729746)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5729746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576DD2
RGB	87, 109, 210
RGB Percent	34%, 43%, 82%
CMY	0.6588, 0.5725, 0.1765
CMYK	0.59, 0.48, 0.00, 0.18
HSL	229°, 58%, 58%
HSV	229°, 59%, 82%
XYZ	21.0320, 17.6167, 63.2646
YIQ	113.9360, -45.5330, 26.7470

# Conversions

## Conversions Part 2

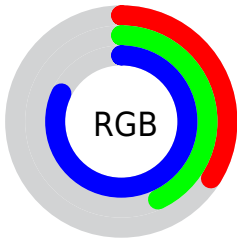
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 106, 210
Decimal	5729746
CIE <sub>Lab</sub>	49.03, 22.13, -54.77
CIE <sub>LCh</sub>	49, 59.076, 292.002
Yxy	17.6167, 0.2064, 0.1729
Android (android.graphics.Color)	4283919826 (0xFF576DD2)
YUV	113.9360, 47.3596, -23.6229
Hunter-Lab	41.9722, 15.9937, -59.9872

# Details

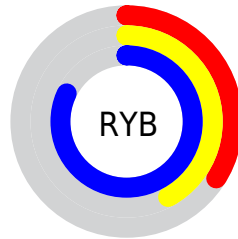
The Decimal color **5729746** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **13810775**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9609471**, and **343707** is the 20% darker color. If you saturate the color by 10%, you get **4349138**, and if you desaturate by 10%, it is **7110354**.

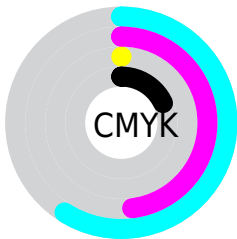
# Distribution



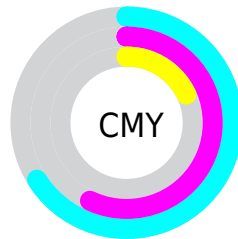
- Red (34%)
- Green (43%)
- Blue (82%)



- Red (34%)
- Yellow (42%)
- Blue (82%)



- Cyan (59%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (57%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5729746 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 5729746 by changing the saturation by 10% instead.



■ 5729746

■ 5729746

16777215

■ 3626422

■ 9609471

■ 343707

■ 11516927

■ 10624

■ 13424639

■ 5734

■ 15397887

■ 78

■ 1334

■ 544

■ 3

■ 0

■ 5729746

■ 5729746

■ 4349138

■ 7110354

■ 2968530

■ 8490962

■ 1587666

■ 9871826

■ 207058

■ 11252434

■ 9938

■ 12633042

■ 14013650

■ 15394514

■ 16775122

■ 16777170

# Harmonies

## Analogous

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



32472



5729746



10704307

# Triad

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



5729746



12212260



35685

# Complementary

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



5729746



13810775

# 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.



2131506



5729746



9923840

# Square

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



5729746



13386834



6913280



35737

# Rectangle

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



5729746



12470165



6913280



35412



# Sweetspot

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



5729746



13752831



5755579



6514816



0



8421504



# Same Dimension

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



5729746



5074175



8280018



6185065



7848



1833



# Inverse Universe

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



13784941



16731500



11260503



6905440



11010078

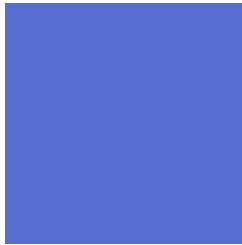


2686983



# Previews

## White Background



This preview shows how the Decimal color 5729746 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 5729746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

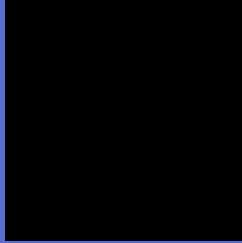
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5729746 Background



This preview shows how black text looks on a background with the Decimal color 5729746.



This preview shows how white text looks on a background with the Decimal color 5729746.

# 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](#).

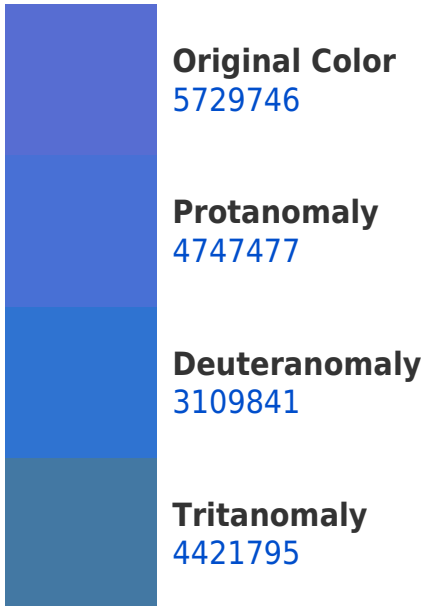
## Dichromacy





**Tritanopia**  
3702408

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5729746 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 #576DD2 looks like.

```
.text, #text, p{  
    color:#576DD2  
}
```

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 #576DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576DD2
}
```

## Border

The CSS property to change the border of an element to Decimal 5729746 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
#576DD2 }
```

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

```
.border{ border-color:#576DD2 }
```

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

Here you see how a box with a 4 pixel #576DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576DD2; -webkit-box-shadow:4px 4px  
4px 4px #576DD2; box-shadow:4px 4px 4px  
4px #576DD2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5729746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576DD2 }
```

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

```
.background{ background-color:#576DD2 }
```

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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