

# Converting Colors

Decimal(5726109)

Have a look what the booklet for  
Decimal(5726109) contains.

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# Color

**Decimal(5726109)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	575F9D
RGB	87, 95, 157
RGB Percent	34%, 37%, 62%
CMY	0.6588, 0.6275, 0.3843
CMYK	0.45, 0.39, 0.00, 0.38
HSL	233°, 29%, 48%
HSV	233°, 45%, 62%
XYZ	14.1085, 12.6450, 33.5954
YIQ	99.6760, -24.6700, 17.5860

# Conversions

## Conversions Part 2

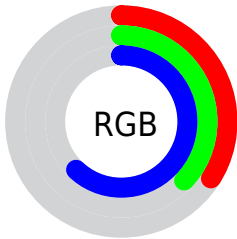
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 94, 157
Decimal	5726109
CIE <sub>Lab</sub>	42.22, 13.78, -34.76
CIE <sub>LCh</sub>	42, 37.391, 291.619
Yxy	12.6450, 0.2338, 0.2095
Android (android.graphics.Color)	4283916189 (0xFF575F9D)
YUV	99.6760, 28.2607, -11.1169
Hunter-Lab	35.5598, 8.5910, -31.1229

# Details

The Decimal color **5726109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10327383**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **9212372**, and **2240873** is the 20% darker color. If you saturate the color by 10%, you get **4673949**, and if you desaturate by 10%, it is **6778269**.

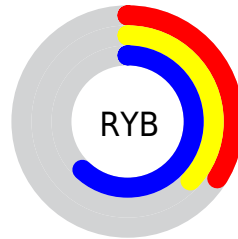
# Distribution



Red (34%)

Green (37%)

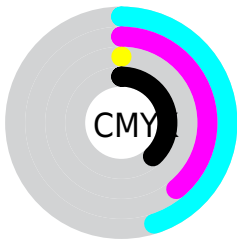
Blue (62%)



Red (34%)

Yellow (37%)

Blue (62%)

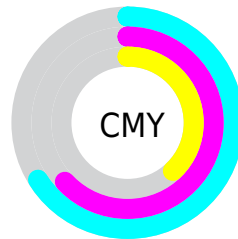


Cyan (45%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (66%)

Magenta (63%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5726109 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 5726109 by changing the saturation by 10% instead.



■ 5726109

■ 5726109

16777215

■ 4016003

■ 9212372

■ 2240873

■ 10988784

■ 7505

■ 12830719

■ 569

■ 14738431

■ 547

16646143

■ 10

■ 0

■ 5726109

■ 5726109

■ 4673949

■ 6778269

■ 3687325

■ 7764893

■ 2635165

■ 8817053

■ 1583005

■ 9869213

■ 530845

■ 10855837

■ 4765

■ 11907741

■ 12959901

■ 14012061

■ 14998685

# Harmonies

## Analogous

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



27296



5726109



8475530

# Triad

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



5726109



9589556



29530

# Complementary

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



5726109



10327383

# 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.



3829564



5726109



8216356

# Square

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



5726109



10308175



6252839



29561

# Rectangle

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



5726109



9587832



6252839



1012303



# Sweetspot

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



5726109



11646412



5741973



5658726



15132390



6710886



# Same Dimension

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



5726109



6187724



7493533



4671567



4239



527



# Inverse Universe

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



10311519



13393514



8559959



5195592



9371664

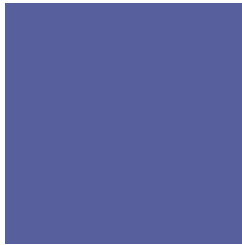


983042



# Previews

## White Background



This preview shows how the Decimal color 5726109 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 5726109 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 5726109 Background



This preview shows how black text looks on a background with the Decimal color 5726109.



This preview shows how white text looks on a background with the Decimal color 5726109.

# 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**


5726109

**Protanopia**

5005727

**Deuteranopia**

4547484



**Tritanopia**  
4941937

# Trichromacy



**Original Color**  
5726109

**Protanomaly**  
5267614

**Deuteranomaly**  
5005980

**Tritanomaly**  
5203329

# Monochromacy



**Original Color**  
5726109

**Achromatopsia**  
6579300

**Achromatomaly**  
6251129

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5726109 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 #575F9D looks like.

```
.text, #text, p{  
    color:#575F9D  
}
```

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 #575F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575F9D
}
```

## Border

The CSS property to change the border of an element to Decimal 5726109 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
#575F9D }
```

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

```
.border{ border-color:#575F9D }
```

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

Here you see how a box with a 4 pixel #575F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575F9D; -webkit-box-shadow:4px 4px  
4px 4px #575F9D; box-shadow:4px 4px 4px  
4px #575F9D }
```

# Background

The CSS property to change the background color of an element to Decimal 5726109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575F9D }
```

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

```
.background{ background-color:#575F9D }
```

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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