

# Converting Colors

Decimal(5727109)

Have a look what the booklet for  
Decimal(5727109) contains.

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# Color

**Decimal(5727109)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576385
RGB	87, 99, 133
RGB Percent	34%, 39%, 52%
CMY	0.6588, 0.6118, 0.4784
CMYK	0.35, 0.26, 0.00, 0.48
HSL	224°, 21%, 43%
HSV	224°, 35%, 52%
XYZ	12.6260, 12.6434, 23.9653
YIQ	99.2880, -18.0660, 8.0300

# Conversions

## Conversions Part 2

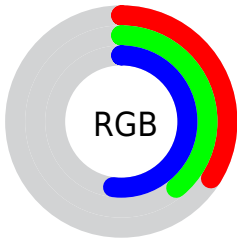
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 97, 133
Decimal	5727109
CIE <sub>Lab</sub>	42.22, 4.17, -20.37
CIE <sub>LCh</sub>	42, 20.796, 281.563
Yxy	12.6434, 0.2564, 0.2568
Android (android.graphics.Color)	4283917189 (0xFF576385)
YUV	99.2880, 16.6200, -10.7766
Hunter-Lab	35.5575, 1.1571, -15.0703

# Details

The Decimal color **5727109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8747351**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **9082554**, and **2569555** is the 20% darker color. If you saturate the color by 10%, you get **4872581**, and if you desaturate by 10%, it is **6581637**.

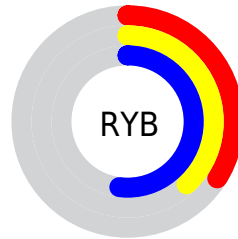
# Distribution



Red (34%)

Green (39%)

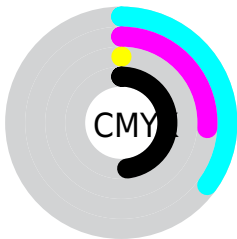
Blue (52%)



Red (34%)

Yellow (38%)

Blue (52%)

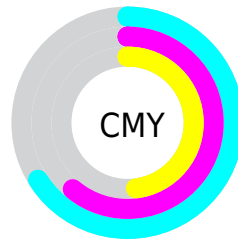


Cyan (35%)

Magenta (26%)

Yellow (0%)

Black (48%)



Cyan (66%)

Magenta (61%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5727109 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 5727109 by changing the saturation by 10% instead.



■ 5727109

■ 5727109

16777215

■ 4148076

■ 9082554

■ 2569555

■ 10858710

■ 991292

■ 12635378

■ 1830

■ 14477567

■ 272

■ 16383999

■ 0

■ 5727109

■ 5727109

■ 4872581

■ 6581637

■ 3952517

■ 7501701

■ 3098245

■ 8355973

■ 2243717

■ 9210501

■ 1323653

■ 10130565

■ 469125

■ 10985093

■ 9093

■ 11839621

■ 12694149

■ 13613957

# Harmonies

## Analogous

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



4089988



5727109



7232893

# Triad

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



5727109



8608334



4353112

# Complementary

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



5727109



8747351

# 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.



5663050



5727109



7954243

# Square

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



5727109



8804190



6907202



3239274

# Rectangle

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



5727109



8018292



6907202



4811859



# Sweetspot

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



5727109



10265005



5735801



5001047



14079702



5723991



# Same Dimension

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



5727109



6650029



6444933



3947842



8834



259



# Inverse Universe

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



8738659



11363704



8029527



4340797



8519714



196609



# Previews

## White Background



This preview shows how the Decimal color 5727109 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 5727109 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

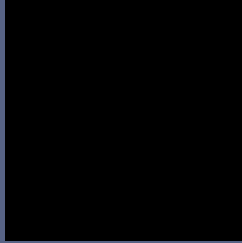
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

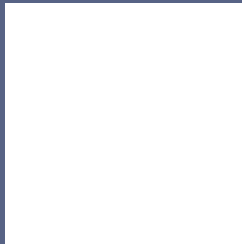
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5727109 Background



This preview shows how black text looks on a background with the Decimal color 5727109.

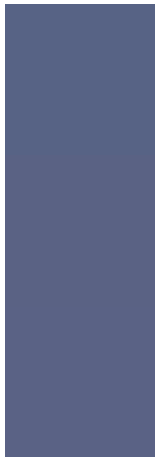


This preview shows how white text looks on a background with the Decimal color 5727109.

# 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**  
5727109

**Protanopia**  
5923460

**Deuteranopia**  
5923461



**Tritanopia**  
5400431

# Trichromacy



**Original Color**  
5727109

**Protanomaly**  
5857924

**Deuteranomaly**  
5857925

**Tritanomaly**  
5531255

# Monochromacy



**Original Color**  
5727109

**Achromatopsia**  
6513507

**Achromatomaly**  
6251375

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5727109 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 #576385 looks like.

```
.text, #text, p{  
    color:#576385  
}
```

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 #576385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576385
}
```

## Border

The CSS property to change the border of an element to Decimal 5727109 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
#576385 }
```

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

```
.border{ border-color:#576385 }
```

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

Here you see how a box with a 4 pixel #576385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576385; -webkit-box-shadow:4px 4px  
4px 4px #576385; box-shadow:4px 4px 4px  
4px #576385 }
```

# Background

The CSS property to change the background color of an element to Decimal 5727109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576385 }
```

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

```
.background{ background-color:#576385 }
```

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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