

Converting Colors

Decimal(5701729)

Have a look what the booklet for
Decimal(5701729) contains.

Decimal(5701729)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5701729)

Conversions

Conversions Part 1

Format	Color
Hex	570061
RGB	87, 0, 97
RGB Percent	34%, 0%, 38%
CMY	0.6588, 1.0000, 0.6196
CMYK	0.10, 1.00, 0.00, 0.62
HSL	294°, 100%, 19%
HSV	294°, 100%, 38%
XYZ	6.0881, 2.8893, 11.5461
YIQ	37.0710, 20.7150, 48.6110

Conversions

Conversions Part 2

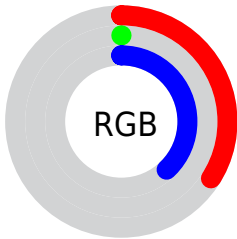
Format	Color
R_{YB}	87, 0, 97
Decimal	5701729
CIE _{Lab}	19.60, 46.63, -33.29
CIE _{LCh}	20, 57.296, 324.473
Yxy	2.8893, 0.2966, 0.1408
Android (android.graphics.Color)	4283891809 (0xFF570061)
YUV	37.0710, 29.5450, 43.7877
Hunter-Lab	16.9980, 34.1868, -28.3749

Details

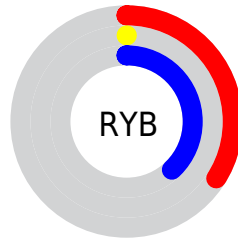
The Decimal color **5701729** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **680192**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **9190548**, and **2621490** is the 20% darker color. If you saturate the color by 10%, you get **5701729**, and if you desaturate by 10%, it is **5769825**.

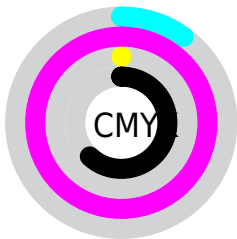
Distribution



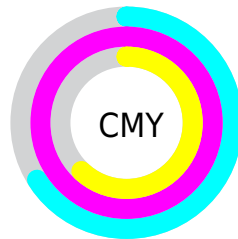
- Red (34%)
- Green (0%)
- Blue (38%)



- Red (34%)
- Yellow (0%)
- Blue (38%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5701729 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 5701729 by changing the saturation by 10% instead.

 5701729

 5701729

 16776447

 3997769

 9190548

 2621490

 11032239

 28

 12873931

 0

 14781415

 16688895

 16761599

 16769023

 5701729

■ 5769825

■ 5837665

■ 5905761

■ 5973857

■ 6041953

■ 6109793

■ 6177889

■ 6245985

■ 6313825

Harmonies

Analogous

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



10366



5701729



7405625

Triad

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



5701729



4336384



16209

Complementary

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



5701729



680192

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.



15910



5701729



1586944

Square

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



5701729



6296064



15360



15988

Rectangle

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



5701729



7602206



15360



16195

Sweetspot

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



5701729



7952253



2913



4008256



12566463



4210752

Same Dimension

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



5701729



7340157



6357052



3157040



6619248



14090480

Inverse Universe

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



6357002



8192013



24869



3157036



7340044



15728665

Previews

White Background



This preview shows how the Decimal color 5701729 looks on a white background.

Color Contrast Check

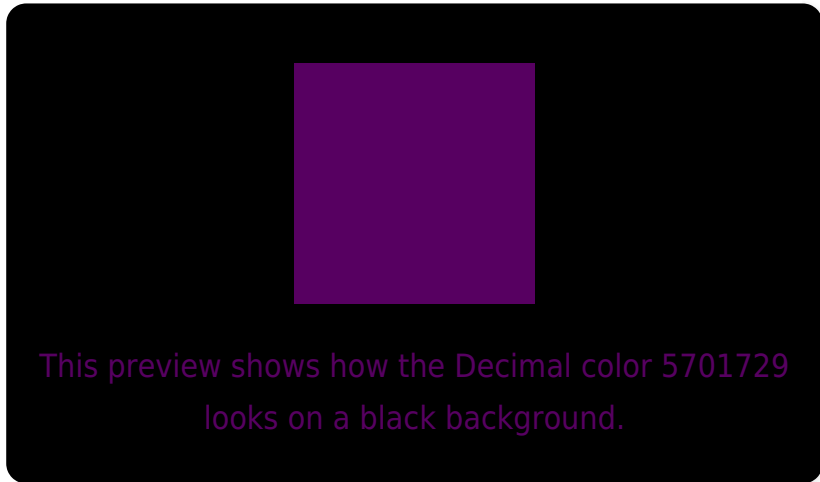
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

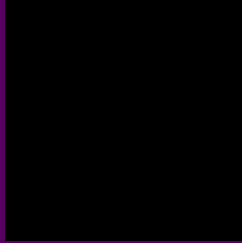
Any Text WCAG AA × Fail

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 5701729 Background



This preview shows how black text looks on a background with the Decimal color 5701729.




This preview shows how white text looks on a background with the Decimal color 5701729.

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
5252649

Trichromacy



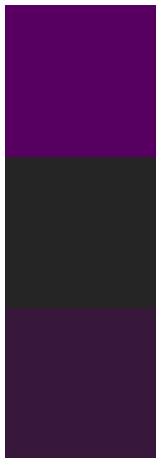
Original Color
5701729

Protanomaly
2105446

Deuteranomaly
2695517

Tritanomaly
5445693

Monochromacy



Original Color
5701729

Achromatopsia
2434341

Achromatomaly
3610683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5701729 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 #570061 looks like.

```
.text, #text, p{  
    color:#570061  
}
```

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 #570061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570061
}
```

Border

The CSS property to change the border of an element to Decimal 5701729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

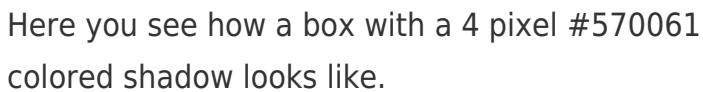
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570061 }
```

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

```
.border{ border-color:#570061 }
```

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



Here you see how a box with a 4 pixel #570061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570061; -webkit-box-shadow:4px 4px  
4px 4px #570061; box-shadow:4px 4px 4px  
4px #570061 }
```

Background

The CSS property to change the background color of an element to Decimal 5701729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570061 }
```

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

```
.background{ background-color:#570061 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor