

Converting Colors

Decimal(5767319)

Have a look what the booklet for
Decimal(5767319) contains.

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Color

Decimal(5767319)

Conversions

Conversions Part 1

Format	Color
Hex	580097
RGB	88, 0, 151
RGB Percent	35%, 0%, 59%
CMY	0.6549, 1.0000, 0.4078
CMYK	0.42, 1.00, 0.00, 0.41
HSL	275°, 100%, 30%
HSV	275°, 100%, 59%
XYZ	9.6104, 4.3091, 29.6034
YIQ	43.5260, 3.9770, 65.6170

Conversions

Conversions Part 2

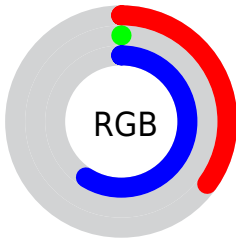
Format	Color
RYB	88, 0, 151
Decimal	5767319
CIELab	24.67, 57.64, -59.45
CIELCh	25, 82.807, 314.117
Yxy	4.3091, 0.2208, 0.0990
Android (android.graphics.Color)	4283957399 (0xFF580097)
YUV	43.5260, 52.9847, 39.0037
Hunter-Lab	20.7583, 46.3126, -70.0225

Details

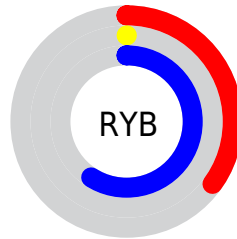
The Decimal color **5767319** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4167424**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **9519822**, and **1835107** is the 20% darker color. If you saturate the color by 10%, you get **5767319**, and if you desaturate by 10%, it is **6164375**.

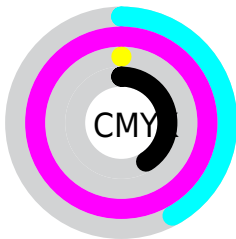
Distribution



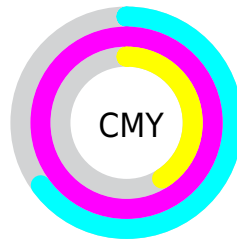
- Red (35%)
- Green (0%)
- Blue (59%)



- Red (35%)
- Yellow (0%)
- Blue (59%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (65%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5767319 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 5767319 by changing the saturation by 10% instead.

■ 5767319

■ 5767319

16777215

■ 3866748

■ 9519822

■ 1835107

■ 11361515

■ 74

■ 13268991

■ 1074

■ 15241983

■ 540

■ 16756479

■ 0

■ 16763647

■ 16771071

■ 5767319

■ 6164375

■ 6626967

■ 7024023

■ 7421079

■ 7883927

■ 8280983

■ 8678039

■ 9075095

■ 9537687

Harmonies

Analogous

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



15545



5767319



9568350

Triad

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



5767319



6499072



20312

Complementary

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



5767319



4167424

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.



19732



5767319



2900224

Square

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



5767319



9043968



18944



20627

Rectangle

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



5767319



10289206



18944



20290

Sweetspot

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



5767319



11307460



16791



5587043



14935011



6513507

Same Dimension

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



5767319



7471300



9896077



4801869



5374092



458765

Inverse Universe

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



9895999



12845138



38666



5064008



9175099



851973

Previews

White Background



This preview shows how the Decimal color 5767319 looks on a white background.

Color Contrast Check

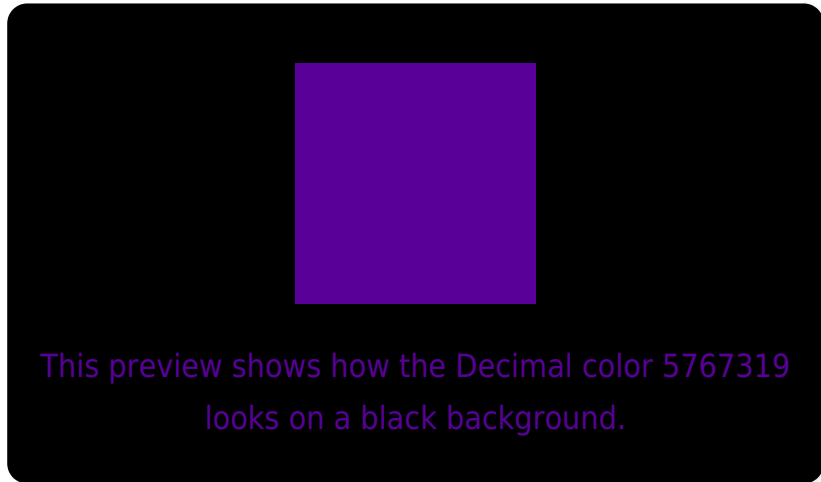
Large Text (above 18pt) WCAG AA ✓ Pass

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

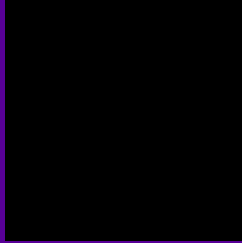
Any Text WCAG AA × Fail

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 5767319 Background



This preview shows how black text looks on a background with the Decimal color 5767319.

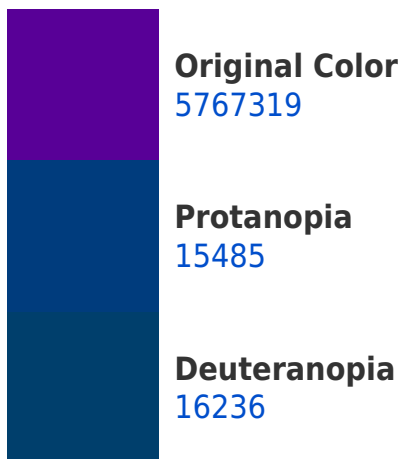


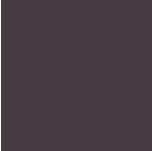
This preview shows how white text looks on a background with the Decimal color 5767319.

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
4537152

Trichromacy



Original Color
5767319

Protanomaly
2107014

Deuteranomaly
2107516

Tritanomaly
4990560

Monochromacy



Original Color
5767319

Achromatopsia
2894892

Achromatomaly
3939411

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5767319 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 #580097 looks like.

```
.text, #text, p{  
    color:#580097  
}
```

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 #580097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580097
}
```

Border

The CSS property to change the border of an element to Decimal 5767319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

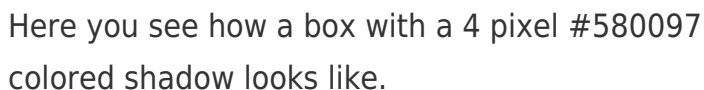
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580097 }
```

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

```
.border{ border-color:#580097 }
```

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



Here you see how a box with a 4 pixel #580097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580097; -webkit-box-shadow:4px 4px  
4px 4px #580097; box-shadow:4px 4px 4px  
4px #580097 }
```

Background

The CSS property to change the background color of an element to Decimal 5767319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580097 }
```

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

```
.background{ background-color:#580097 }
```

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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