

Converting Colors

Decimal(5769638)

Have a look what the booklet for
Decimal(5769638) contains.

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Color

Decimal(5769638)

Conversions

Conversions Part 1

Format	Color
Hex	5809A6
RGB	88, 9, 166
RGB Percent	35%, 4%, 65%
CMY	0.6549, 0.9647, 0.3490
CMYK	0.47, 0.95, 0.00, 0.35
HSL	270°, 90%, 34%
HSV	270°, 95%, 65%
XYZ	11.0051, 5.0233, 36.4659
YIQ	50.5190, -3.3130, 65.5750

Conversions

Conversions Part 2

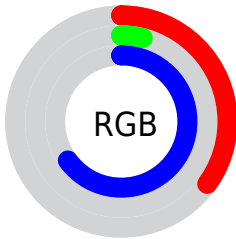
Format	Color
R_{YB}	88, 9, 166
Decimal	5769638
CIE _{Lab}	26.80, 59.21, -65.10
CIE _{LCh}	27, 87.998, 312.291
Yxy	5.0233, 0.2096, 0.0957
Android (android.graphics.Color)	4283959718 (0xFF5809A6)
YUV	50.5190, 56.9321, 32.8708
Hunter-Lab	22.4126, 48.4256, -80.7776

Details

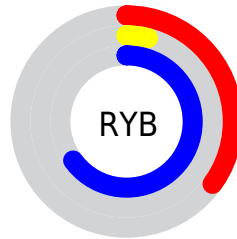
The Decimal color **5769638** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5744137**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **9586654**, and **1376369** is the 20% darker color. If you saturate the color by 10%, you get **5505190**, and if you desaturate by 10%, it is **6298278**.

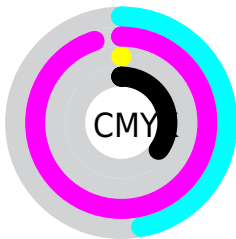
Distribution



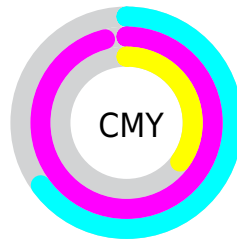
- Red (35%)
- Green (4%)
- Blue (65%)



- Red (35%)
- Yellow (4%)
- Blue (65%)



- Cyan (47%)
- Magenta (95%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5769638 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 5769638 by changing the saturation by 10% instead.

■ 5769638

■ 5769638

16777215

■ 3801227

■ 9586654

■ 1376369

■ 11493883

■ 87

■ 13401343

■ 1343

■ 15374335

■ 808

■ 16757759

■ 273

■ 16765183

■ 0

■ 16772607

■ 5769638

■ 5769638

■ 5505190

■ 6298278

■ 6826662

■ 7420838

■ 7949222

■ 8477862

■ 9006502

■ 9600422

■ 10129062

■ 10657446

Harmonies

Analogous

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



17352



5769638



10158186

Triad

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



5769638



7220224



21851

Complementary

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



5769638



5744137

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.



21264



5769638



3491328

Square

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



5769638



9830400



20480



22427

Rectangle

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



5769638



11075646



20480



21827

Sweetspot

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



5769638



12295385



612518



5982318



15592941



7237230

Same Dimension

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



5769638



7143641



10881446



5262420



4849812



655380

Inverse Universe

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



10881367



14221420



632329



5524560



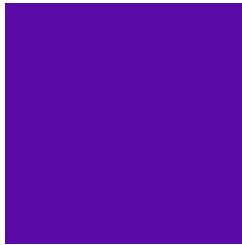
9699401



1310730

Previews

White Background



This preview shows how the Decimal color 5769638 looks on a white background.

Color Contrast Check

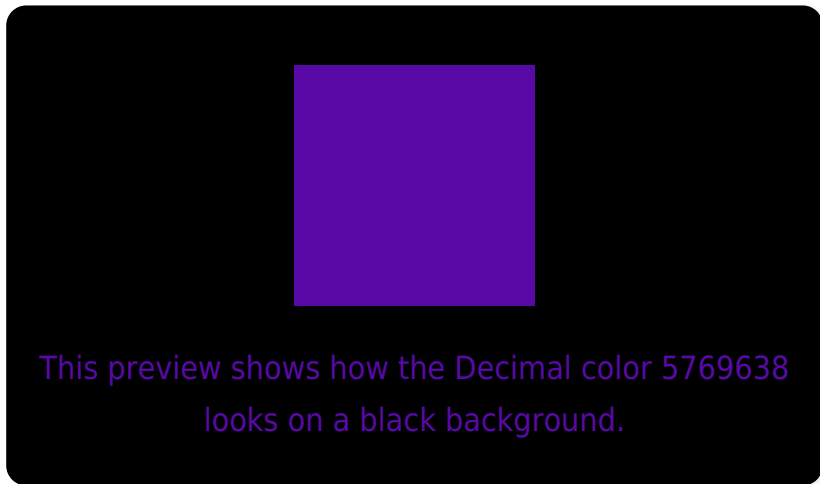
Large Text (above 18pt) WCAG AA ✓ Pass

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

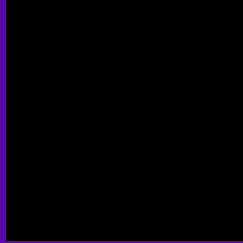
Any Text WCAG AA × Fail

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 5769638 Background



This preview shows how black text looks on a background with the Decimal color 5769638.

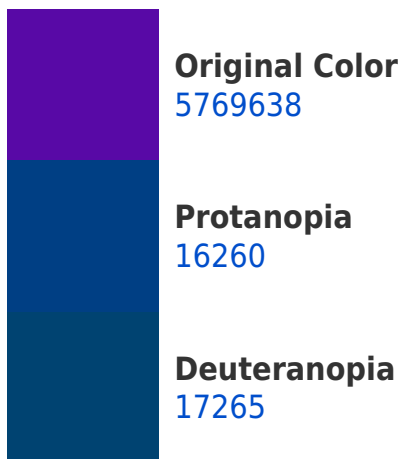


This preview shows how white text looks on a background with the Decimal color 5769638.

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
4211014

Trichromacy



Original Color
5769638



Protanomaly
2108304



Deuteranomaly
2109060



Tritanomaly
4795753

Monochromacy



Original Color
5769638



Achromatopsia
3355443



Achromatomaly
4203613

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5769638 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 #5809A6 looks like.

```
.text, #text, p{  
  color:#5809A6  
}
```

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 #5809A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5809A6
}
```

Border

The CSS property to change the border of an element to Decimal 5769638 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".

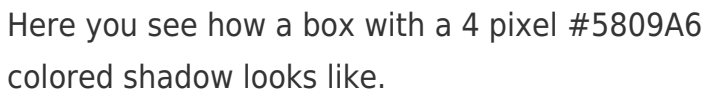
```
.border, #border, table{ border:4px solid
#5809A6 }
```

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

```
.border{ border-color:#5809A6 }
```

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

Here you see how a box with a 4 pixel #5809A6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #5809A6 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5809A6; -webkit-box-shadow:4px 4px  
4px 4px #5809A6; box-shadow:4px 4px 4px  
4px #5809A6 }
```

Background

The CSS property to change the background color of an element to Decimal 5769638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5809A6 }
```

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

```
.background{ background-color:#5809A6 }
```

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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