

Converting Colors

Decimal(5982089)

Have a look what the booklet for
Decimal(5982089) contains.

Decimal(5982089)	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(5982089)

Conversions

Conversions Part 1

Format	Color
Hex	5B4789
RGB	91, 71, 137
RGB Percent	36%, 28%, 54%
CMY	0.6431, 0.7216, 0.4627
CMYK	0.34, 0.48, 0.00, 0.46
HSL	258°, 32%, 41%
HSV	258°, 48%, 54%
XYZ	11.0830, 8.5368, 24.7305
YIQ	84.5040, -9.2660, 24.7660

Conversions

Conversions Part 2

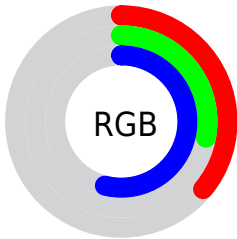
Format	Color
RYB	91, 71, 137
Decimal	5982089
CIELab	35.08, 24.12, -33.96
CIELCh	35, 41.654, 305.376
Yxy	8.5368, 0.2499, 0.1925
Android (android.graphics.Color)	4284172169 (0xFF5B4789)
YUV	84.5040, 25.8805, 5.6970
Hunter-Lab	29.2177, 16.5782, -29.7319

Details

The Decimal color **5982089** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7702855**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **9402559**, and **2693975** is the 20% darker color. If you saturate the color by 10%, you get **5323145**, and if you desaturate by 10%, it is **6641033**.

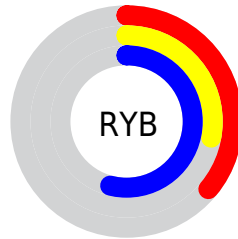
Distribution



Red (36%)

Green (28%)

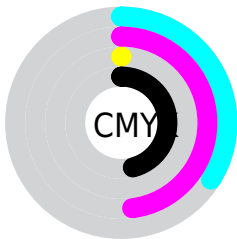
Blue (54%)



Red (36%)

Yellow (28%)

Blue (54%)

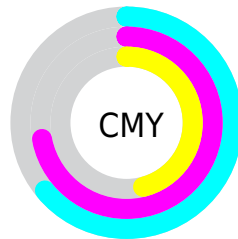


Cyan (34%)

Magenta (48%)

Yellow (0%)

Black (46%)



Cyan (64%)

Magenta (72%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5982089 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 5982089 by changing the saturation by 10% instead.

■ 5982089

■ 5982089

16777215

■ 4337775

■ 9402559

■ 2693975

■ 11178715

■ 1049663

■ 13020407

■ 296

■ 14928127

■ 274

■ 16770303

■ 0

■ 5982089

■ 5982089

■ 5323145

■ 6641033

■ 4729993

■ 7234185

■ 4071049

■ 7893129

■ 3477641

■ 8486537

■ 2818953

■ 9145481

■ 2752649

■ 9738633

■ 10397577

■ 10990985

■ 11649673

Harmonies

Analogous

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



21653



5982089



8337519

Triad

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



5982089



7948051



25176

Complementary

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



5982089



7702855

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.



24629



5982089



6181637

Square

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



5982089



9058606



3889943



24952

Rectangle

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



5982089



9122393



3889943



25164

Sweetspot

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



5982089



10590899



4683145



5196377



14277081



5855577

Same Dimension

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



5982089



6966195



8144777



4210245



2621573



131077

Inverse Universe

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



8996725



11750291



5540167



4537923



8716380



327684

Previews

White Background



This preview shows how the Decimal color 5982089 looks on a white background.

Color Contrast Check

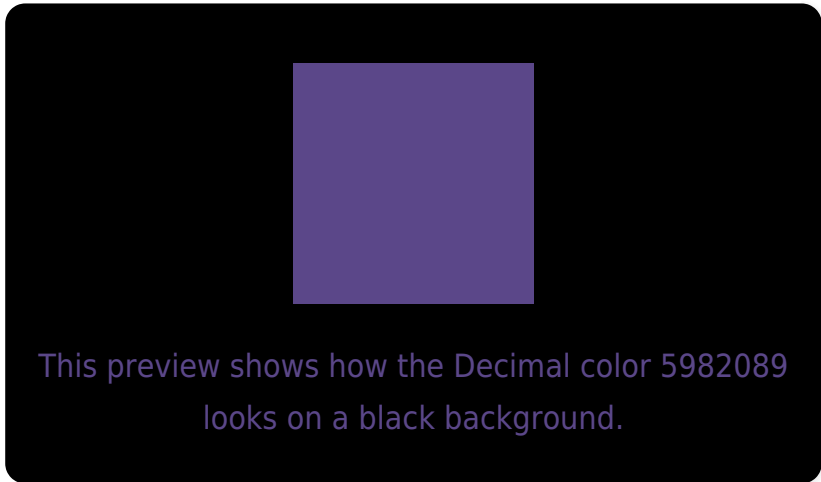
Large Text (above 18pt) WCAG AA ✓ Pass

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 5982089 Background



This preview shows how black text looks on a background with the Decimal color 5982089.

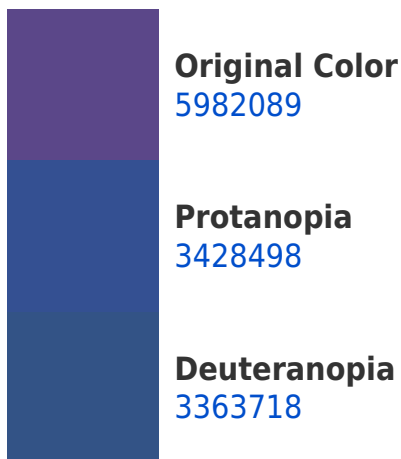


This preview shows how white text looks on a background with the Decimal color 5982089.

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
5329497

Trichromacy



Original Color
5982089

Protanomaly
4345231

Deuteranomaly
4345735

Tritanomaly
5590634

Monochromacy



Original Color
5982089

Achromatopsia
5592405

Achromatomaly
5722216

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5982089 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 #5B4789 looks like.

```
.text, #text, p{  
    color:#5B4789  
}
```

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 #5B4789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4789
}
```

Border

The CSS property to change the border of an element to Decimal 5982089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

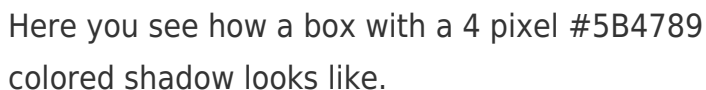
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4789 }
```

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

```
.border{ border-color:#5B4789 }
```

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



Here you see how a box with a 4 pixel #5B4789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4789; -webkit-box-shadow:4px 4px  
4px 4px #5B4789; box-shadow:4px 4px 4px  
4px #5B4789 }
```

Background

The CSS property to change the background color of an element to Decimal 5982089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4789 }
```

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

```
.background{ background-color:#5B4789 }
```

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