

Converting Colors

Decimal(5589636)

Have a look what the booklet for
Decimal(5589636) contains.

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Color

Decimal(5589636)

Conversions

Conversions Part 1

Format	Color
Hex	554A84
RGB	85, 74, 132
RGB Percent	33%, 29%, 52%
CMY	0.6667, 0.7098, 0.4824
CMYK	0.36, 0.44, 0.00, 0.48
HSL	251°, 28%, 40%
HSV	251°, 44%, 52%
XYZ	10.3599, 8.4948, 22.9234
YIQ	83.9010, -12.0620, 20.3700

Conversions

Conversions Part 2

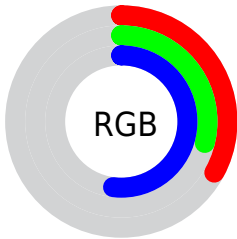
Format	Color
RYB	85, 74, 132
Decimal	5589636
CIELab	34.99, 19.04, -31.06
CIElCh	35, 36.434, 301.515
Yxy	8.4948, 0.2480, 0.2033
Android (android.graphics.Color)	4283779716 (0xFF554A84)
YUV	83.9010, 23.7128, 0.9638
Hunter-Lab	29.1458, 12.4430, -26.2300

Details

The Decimal color **5589636** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7963722**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **9010105**, and **2367058** is the 20% darker color. If you saturate the color by 10%, you get **4865412**, and if you desaturate by 10%, it is **6313860**.

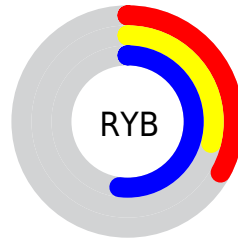
Distribution



Red (33%)

Green (29%)

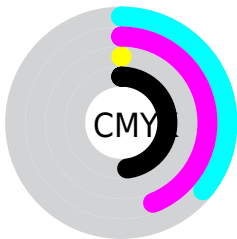
Blue (52%)



Red (33%)

Yellow (29%)

Blue (52%)

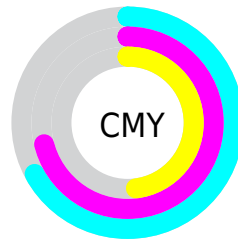


Cyan (36%)

Magenta (44%)

Yellow (0%)

Black (48%)



Cyan (67%)

Magenta (71%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5589636 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 5589636 by changing the saturation by 10% instead.

■ 5589636

■ 5589636

16777215

■ 3945323

■ 9010105

■ 2367058

■ 10720725

■ 723003

■ 12562418

■ 548

■ 14404607

■ 12

■ 16312319

■ 0

■ 5589636

■ 5589636

■ 4865412

■ 6313860

■ 4206724

■ 6972548

■ 3482244

■ 7697028

■ 2758020

■ 8421252

■ 2099332

■ 9079940

■ 1638532

■ 9804164

■ 10528388

■ 11252868

■ 11911556

Harmonies

Analogous

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



873868



5589636



7814766

Triad

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



5589636



7882271



24659

Complementary

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



5589636



7963722

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.



1531445



5589636



6377748

Square

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



5589636



8731702



4413725



24688

Rectangle

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



5589636



8599900



4413725



24649

Sweetspot

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



5589636



10065323



4880772



4933975



14079702



5723991

Same Dimension

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



5589636



6377643



7490180



4013122



1638530



3

Inverse Universe

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



8669817



11227290



6063178



4340801



8519785



196610

Previews

White Background



This preview shows how the Decimal color 5589636 looks on a white background.

Color Contrast Check

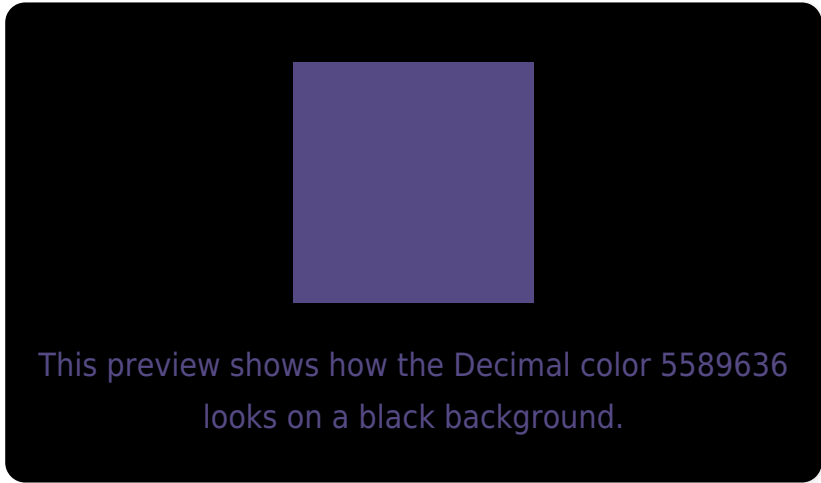
Large Text (above 18pt) WCAG AA ✓ Pass

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

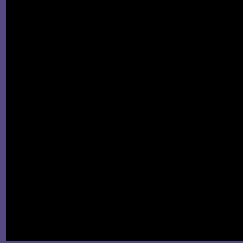
Any Text WCAG AA × Fail

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 5589636 Background



This preview shows how black text looks on a background with the Decimal color 5589636.

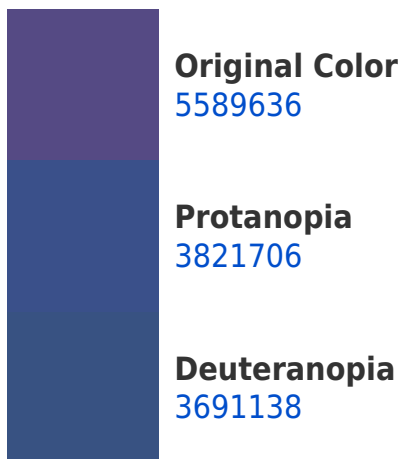


This preview shows how white text looks on a background with the Decimal color 5589636.

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



Trichromacy



Original Color
5589636

Protanomaly
4476552

Deuteranomaly
4411267

Tritanomaly
5197929

Monochromacy



Original Color
5589636

Achromatopsia
5526612

Achromatomaly
5525605

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5589636 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 #554A84 looks like.

```
.text, #text, p{  
  color:#554A84  
}
```

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 #554A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #554A84
}
```

Border

The CSS property to change the border of an element to Decimal 5589636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

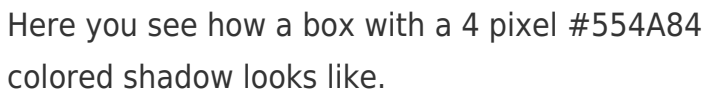
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#554A84 }
```

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

```
.border{ border-color:#554A84 }
```

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



Here you see how a box with a 4 pixel #554A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #554A84; -webkit-box-shadow:4px 4px  
4px 4px #554A84; box-shadow:4px 4px 4px  
4px #554A84 }
```

Background

The CSS property to change the background color of an element to Decimal 5589636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#554A84 }
```

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

```
.background{ background-color:#554A84 }
```

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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