

Converting Colors

Decimal(5588361)

Have a look what the booklet for
Decimal(5588361) contains.

Decimal(5588361)	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(5588361)

Conversions

Conversions Part 1

Format	Color
Hex	554589
RGB	85, 69, 137
RGB Percent	33%, 27%, 54%
CMY	0.6667, 0.7294, 0.4627
CMYK	0.38, 0.50, 0.00, 0.46
HSL	254°, 33%, 40%
HSV	254°, 50%, 54%
XYZ	10.3898, 7.9937, 24.6622
YIQ	81.5360, -12.2920, 24.5400

Conversions

Conversions Part 2

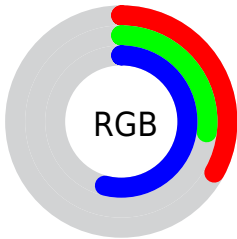
Format	Color
R _Y B	85, 69, 137
Decimal	5588361
CIE Lab	33.97, 23.68, -35.76
CIE LCh	34, 42.891, 303.517
Yxy	7.9937, 0.2414, 0.1857
Android (android.graphics.Color)	4283778441 (0xFF554589)
YUV	81.5360, 27.3438, 3.0379
Hunter-Lab	28.2731, 16.1172, -31.9267

Details

The Decimal color **5588361** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7964997**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9008831**, and **2234710** is the 20% darker color. If you saturate the color by 10%, you get **4929417**, and if you desaturate by 10%, it is **6247305**.

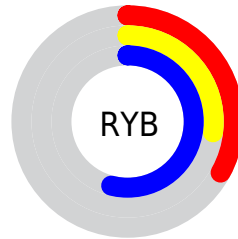
Distribution



Red (33%)

Green (27%)

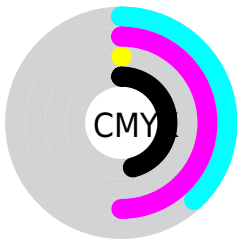
Blue (54%)



Red (33%)

Yellow (27%)

Blue (54%)

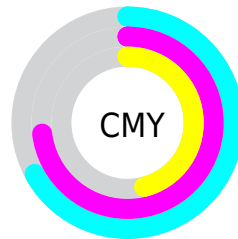


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (46%)



Cyan (67%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5588361 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 5588361 by changing the saturation by 10% instead.



5588361



5588361

16777215



3944047



9008831



2234710



10784731



524607



12626680



808



14468607



274



16376319



0

16776959



5588361



5588361



4929417



6247305

■ 4205193

■ 6971529

■ 3546249

■ 7630473

■ 2821769

■ 8354953

■ 2162825

■ 9013897

■ 2097289

■ 9738121

■ 10397065

■ 11121545

■ 11780233

Harmonies

Analogous

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



21396



5588361



8140143

Triad

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



5588361



7881487



24659

Complementary

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



5588361



7964997

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.



24112



5588361



6115328

Square

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



5588361



8991788



3823888



24437

Rectangle

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



5588361



8990297



3823888



24391

Sweetspot

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



5588361



10393779



4553097



5065049



14277081



5855577

Same Dimension

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



5588361



6375347



7816585



4210245



2031749



65541

Inverse Universe

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



8996217



11749273



5736773



4537923



8716389



327684

Previews

White Background



This preview shows how the Decimal color 5588361 looks on a white background.

Color Contrast Check

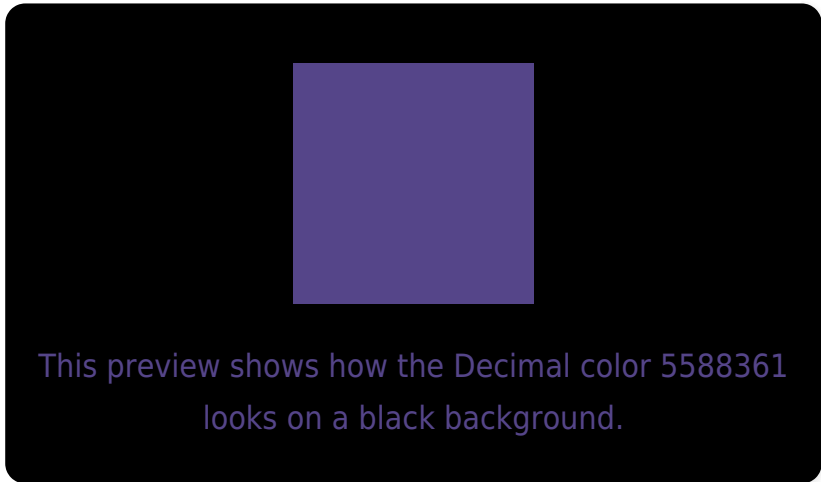
Large Text (above 18pt) WCAG AA ✓ Pass

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 5588361 Background



This preview shows how black text looks on a background with the Decimal color 5588361.

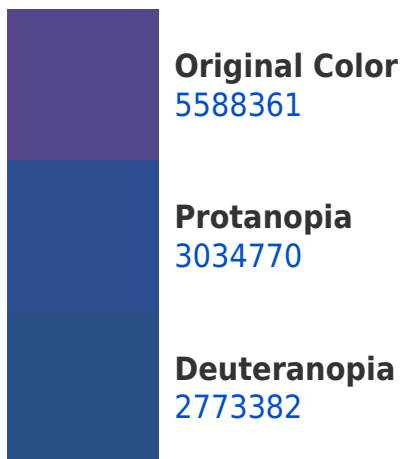


This preview shows how white text looks on a background with the Decimal color 5588361.

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
4870487

Trichromacy



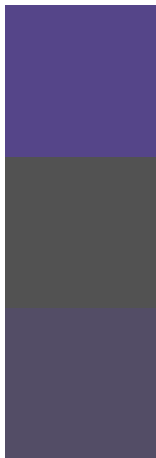
Original Color
5588361

Protanomaly
3951503

Deuteranomaly
3820935

Tritanomaly
5131625

Monochromacy



Original Color
5588361

Achromatopsia
5395026

Achromatomaly
5459302

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5588361 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 #554589 looks like.

```
.text, #text, p{  
  color:#554589  
}
```

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 #554589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #554589
}
```

Border

The CSS property to change the border of an element to Decimal 5588361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

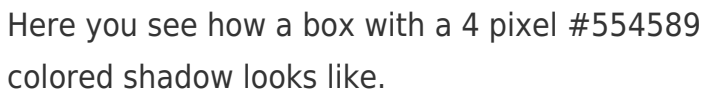
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#554589 }
```

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

```
.border{ border-color:#554589 }
```

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



Here you see how a box with a 4 pixel #554589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #554589; -webkit-box-shadow:4px 4px  
4px 4px #554589; box-shadow:4px 4px 4px  
4px #554589 }
```

Background

The CSS property to change the background color of an element to Decimal 5588361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#554589 }
```

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

```
.background{ background-color:#554589 }
```

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