

Converting Colors

Decimal(5258873)

Have a look what the booklet for
Decimal(5258873) contains.

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Color

Decimal(5258873)

Conversions

Conversions Part 1

Format	Color
Hex	503E79
RGB	80, 62, 121
RGB Percent	31%, 24%, 47%
CMY	0.6863, 0.7569, 0.5255
CMYK	0.34, 0.49, 0.00, 0.53
HSL	258°, 32%, 36%
HSV	258°, 49%, 47%
XYZ	8.4821, 6.5312, 18.9028
YIQ	74.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

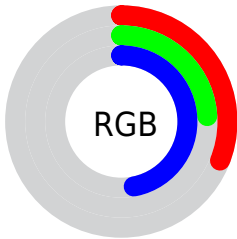
Format	Color
R_{YB}	80, 62, 121
Decimal	5258873
CIE _{Lab}	30.71, 22.08, -31.03
CIE _{LCh}	31, 38.083, 305.437
Yxy	6.5312, 0.2501, 0.1926
Android (android.graphics.Color)	4283448953 (0xFF503E79)
YUV	74.1080, 23.1178, 5.1673
Hunter-Lab	25.5562, 14.5206, -25.9647

Details

The Decimal color **5258873** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6781246**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **8613550**, and **2036552** is the 20% darker color. If you saturate the color by 10%, you get **4731513**, and if you desaturate by 10%, it is **5786233**.

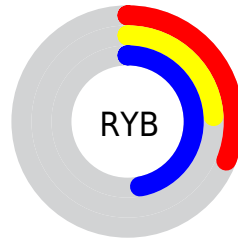
Distribution



Red (31%)

Green (24%)

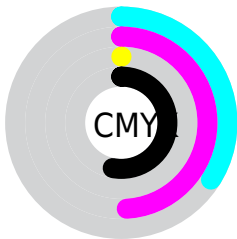
Blue (47%)



Red (31%)

Yellow (24%)

Blue (47%)

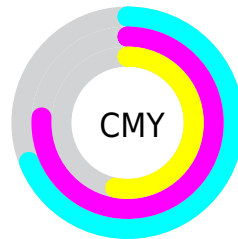


Cyan (34%)

Magenta (49%)

Yellow (0%)

Black (53%)



Cyan (69%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5258873 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 5258873 by changing the saturation by 10% instead.

■ 5258873

■ 5258873

16777215

■ 3614816

■ 8613550

■ 2036552

■ 10389449

■ 852017

■ 12165862

■ 283

■ 14007807

■ 0

■ 15915519

■ 16774655

■ 5258873

■ 5258873

■ 4731513

■ 5786233

■ 4138617

■ 6379129

■ 3611257

■ 6906489

■ 3018361

■ 7499385

■ 2491001

■ 8026745

■ 2424953

■ 8554361

■ 9147257

■ 9674617

■ 10267513

Harmonies

Analogous

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



19076



5258873



7352674

Triad

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



5258873



6962703



22093

Complementary

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



5258873



6781246

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.



21806



5258873



5392644

Square

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



5258873



8007975



3362835



22122

Rectangle

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



5258873



8072270



3362835



22083

Sweetspot

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



5258873



9340574



4089721



4538703



13619151



5197647

Same Dimension

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



5258873



6111646



7159417



3749693



2490493



5046524

Inverse Universe

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



7945831



10371458



4880702



4011835



8192087



16515247

Previews

White Background



This preview shows how the Decimal color 5258873 looks on a white background.

Color Contrast Check

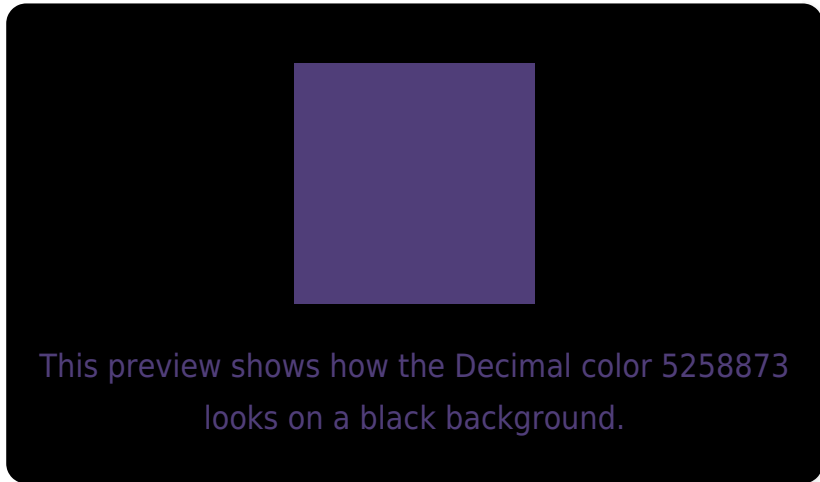
Large Text (above 18pt) WCAG AA ✓ Pass

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

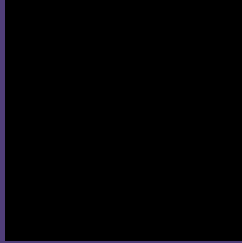
Any Text WCAG AA × Fail

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 5258873 Background



This preview shows how black text looks on a background with the Decimal color 5258873.

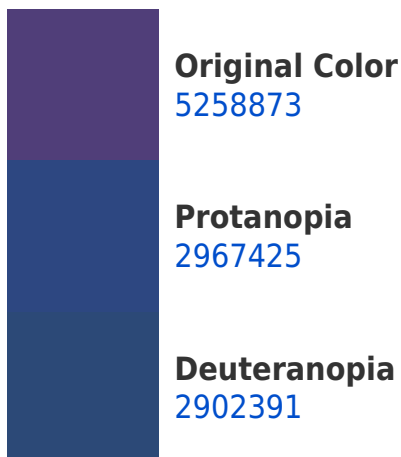


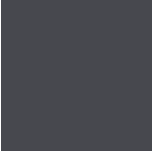
This preview shows how white text looks on a background with the Decimal color 5258873.

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
4671566

Trichromacy



Original Color
5258873

Protanomaly
3818622

Deuteranomaly
3753336

Tritanomaly
4867166

Monochromacy



Original Color
5258873

Achromatopsia
4868682

Achromatomaly
4998747

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5258873 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 #503E79 looks like.

```
.text, #text, p{  
    color:#503E79  
}
```

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 #503E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503E79
}
```

Border

The CSS property to change the border of an element to Decimal 5258873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

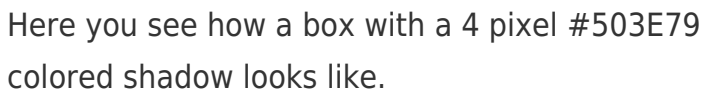
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503E79 }
```

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

```
.border{ border-color:#503E79 }
```

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



Here you see how a box with a 4 pixel #503E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503E79; -webkit-box-shadow:4px 4px  
4px 4px #503E79; box-shadow:4px 4px 4px  
4px #503E79 }
```

Background

The CSS property to change the background color of an element to Decimal 5258873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503E79 }
```

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

```
.background{ background-color:#503E79 }
```

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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