

Converting Colors

Decimal(5258634)

Have a look what the booklet for
Decimal(5258634) contains.

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Color

Decimal(5258634)

Conversions

Conversions Part 1

Format	Color
Hex	503D8A
RGB	80, 61, 138
RGB Percent	31%, 24%, 54%
CMY	0.6863, 0.7608, 0.4588
CMYK	0.42, 0.56, 0.00, 0.46
HSL	255°, 39%, 39%
HSV	255°, 56%, 54%
XYZ	9.5645, 6.8779, 24.8682
YIQ	75.4590, -13.3930, 27.9750

Conversions

Conversions Part 2

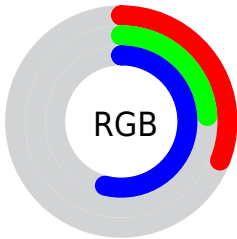
Format	Color
R_{YB}	80, 61, 138
Decimal	5258634
CIE _{Lab}	31.53, 27.71, -40.31
CIE _{LCh}	32, 48.912, 304.502
Yxy	6.8779, 0.2315, 0.1665
Android (android.graphics.Color)	4283448714 (0xFF503D8A)
YUV	75.4590, 30.8327, 3.9825
Hunter-Lab	26.2258, 19.2031, -37.8627

Details

The Decimal color **5258634** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7834173**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **8744384**, and **1773911** is the 20% darker color. If you saturate the color by 10%, you get **4599690**, and if you desaturate by 10%, it is **5917578**.

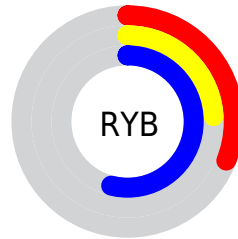
Distribution



Red (31%)

Green (24%)

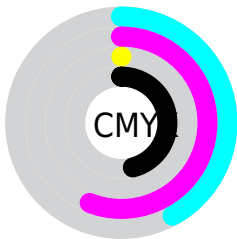
Blue (54%)



Red (31%)

Yellow (24%)

Blue (54%)

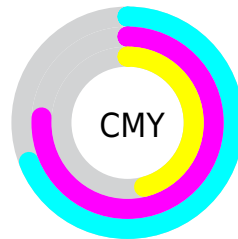


Cyan (42%)

Magenta (56%)

Yellow (0%)

Black (46%)



Cyan (69%)

Magenta (76%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5258634 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 5258634 by changing the saturation by 10% instead.

■ 5258634

■ 5258634

16777215

■ 3549040

■ 8744384

■ 1773911

■ 10520540

■ 131136

■ 12362233

■ 809

■ 14204159

■ 274

■ 16111871

■ 0

■ 16774399

■ 5258634

■ 5258634

■ 4599690

■ 5917578

■ 3875210

■ 6642058

■ 3216522

■ 7300746

■ 2492042

■ 8025226

■ 2228362

■ 8684170

■ 9343114

■ 10067594

■ 10726282

■ 11450762

Harmonies

Analogous

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



19863



5258634



8136812

Triad

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



5258634



7617280



23375

Complementary

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



5258634



7834173

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.



22823



5258634



5655040

Square

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



5258634



8923169



2970624



23413

Rectangle

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



5258634



8985939



2970624



23362

Sweetspot

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



5258634



10261683



4028554



4999001



14277081



5855577

Same Dimension

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



5258634



5782451



7683466



4210245



2162821



65541

Inverse Universe

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



9059703



11746197



5409341



4537923



8716388



327684

Previews

White Background



This preview shows how the Decimal color 5258634 looks on a white background.

Color Contrast Check

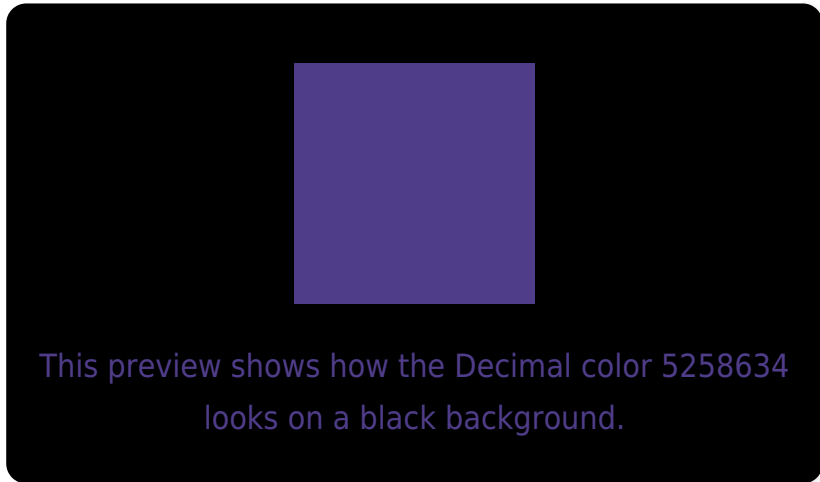
Large Text (above 18pt) WCAG AA ✓ Pass

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

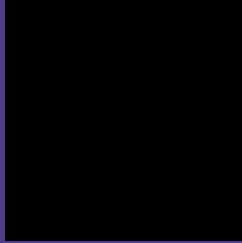
Any Text WCAG AA × Fail

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 5258634 Background



This preview shows how black text looks on a background with the Decimal color 5258634.



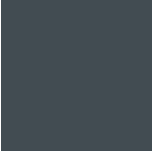
This preview shows how white text looks on a background with the Decimal color 5258634.

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
4344914

Trichromacy



Original Color
5258634

Protanomaly
2770065

Deuteranomaly
1918855

Tritanomaly
4671334

Monochromacy



Original Color
5258634

Achromatopsia
4934475

Achromatomaly
5064290

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5258634 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 #503D8A looks like.

```
.text, #text, p{  
  color:#503D8A  
}
```

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 #503D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503D8A
}
```

Border

The CSS property to change the border of an element to Decimal 5258634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

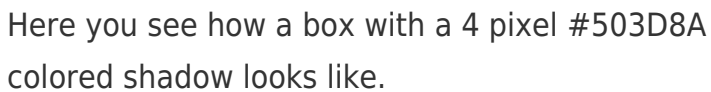
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503D8A }
```

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

```
.border{ border-color:#503D8A }
```

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



Here you see how a box with a 4 pixel #503D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503D8A; -webkit-box-shadow:4px 4px  
4px 4px #503D8A; box-shadow:4px 4px 4px  
4px #503D8A }
```

Background

The CSS property to change the background color of an element to Decimal 5258634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503D8A }
```

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

```
.background{ background-color:#503D8A }
```

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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