

Converting Colors

Decimal(5256293)

Have a look what the booklet for
Decimal(5256293) contains.

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Color

Decimal(5256293)

Conversions

Conversions Part 1

Format	Color
Hex	503465
RGB	80, 52, 101
RGB Percent	31%, 20%, 40%
CMY	0.6863, 0.7961, 0.6039
CMYK	0.21, 0.49, 0.00, 0.60
HSL	274°, 32%, 30%
HSV	274°, 49%, 40%
XYZ	6.8852, 5.1010, 12.9336
YIQ	65.9580, 0.9590, 21.1750

Conversions

Conversions Part 2

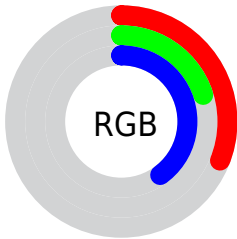
Format	Color
R _{YB}	80, 52, 101
Decimal	5256293
CIE _{Lab}	27.02, 23.00, -24.14
CIE _{LCh}	27, 33.341, 313.611
Yxy	5.1010, 0.2763, 0.2047
Android (android.graphics.Color)	4283446373 (0xFF503465)
YUV	65.9580, 17.2757, 12.3148
Hunter-Lab	22.5855, 14.8914, -18.1427

Details

The Decimal color **5256293** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4810036**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **8545176**, and **2165046** is the 20% darker color. If you saturate the color by 10%, you get **4991589**, and if you desaturate by 10%, it is **5520997**.

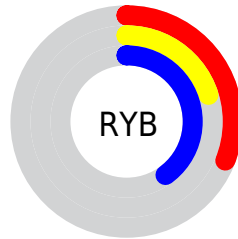
Distribution



 Red (31%)

 Green (20%)

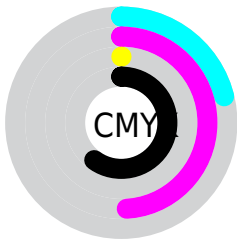
 Blue (40%)



 Red (31%)

 Yellow (20%)

 Blue (40%)

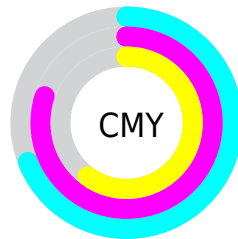


 Cyan (21%)

 Magenta (49%)

 Yellow (0%)

 Black (60%)



 Cyan (69%)

 Magenta (80%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5256293 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 5256293 by changing the saturation by 10% instead.

■ 5256293

■ 5256293

16777215

■ 3677773

■ 8545176

■ 2165046

■ 10321075

■ 262176

■ 12097231

■ 4

■ 13939179

■ 0

■ 15846911

■ 16771583

■ 5256293

■ 5256293

■ 4991589

■ 5520997

■ 4661349

■ 5851237

■ 4396645

■ 6115941

■ 4131941

■ 6380645

■ 3801701

■ 6711141

■ 3801189

■ 6975845

■ 7240549

■ 7570789

■ 7835493

Harmonies

Analogous

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



2375538



5256293



6761039

Triad

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



5256293



5847564



19531

Complementary

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



5256293



4810036

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.



19249



5256293



4342280

Square

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



5256293



6827806



2443289



19298

Rectangle

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



5256293



7153470



2443289



19522

Sweetspot

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



5256293



8023938



3426661



4011586



12763842



4342338

Same Dimension

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



5256293



6436738



6632546



3223091



4325491



9044210

Inverse Universe

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



6632521



8533847



3433783



3354160



7536689



15859816

Previews

White Background



This preview shows how the Decimal color 5256293 looks on a white background.

Color Contrast Check

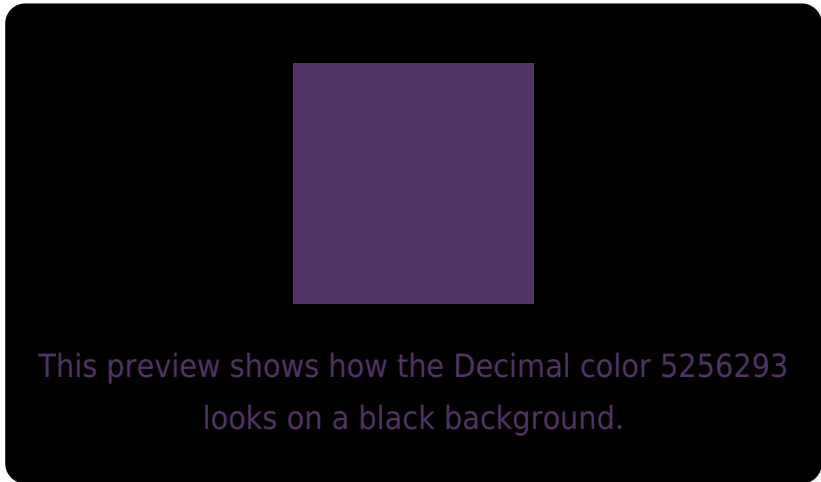
Large Text (above 18pt) WCAG AA ✓ Pass

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

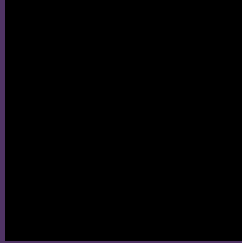
Any Text WCAG AA × Fail

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 5256293 Background



This preview shows how black text looks on a background with the Decimal color 5256293.



This preview shows how white text looks on a background with the Decimal color 5256293.

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



Original Color

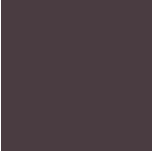
5256293

Protanopia

2834287

Deuteranopia

3096675



Tritanopia
4865089

Trichromacy



Original Color
5256293

Protanomaly
3685227

Deuteranomaly
3882084

Tritanomaly
4995406

Monochromacy



Original Color
5256293

Achromatopsia
4342338

Achromatomaly
4668751

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5256293 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 #503465 looks like.

```
.text, #text, p{  
    color:#503465  
}
```

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 #503465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503465
}
```

Border

The CSS property to change the border of an element to Decimal 5256293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

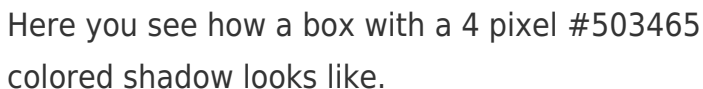
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503465 }
```

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

```
.border{ border-color:#503465 }
```

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



Here you see how a box with a 4 pixel #503465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503465; -webkit-box-shadow:4px 4px  
4px 4px #503465; box-shadow:4px 4px 4px  
4px #503465 }
```

Background

The CSS property to change the background color of an element to Decimal 5256293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503465 }
```

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

```
.background{ background-color:#503465 }
```

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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