

Converting Colors

Decimal(4851566)

Have a look what the booklet for
Decimal(4851566) contains.

Decimal(4851566)	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>	28

Color

Decimal(4851566)

Conversions

Conversions Part 1

Format	Color
Hex	4A076E
RGB	74, 7, 110
RGB Percent	29%, 3%, 43%
CMY	0.7098, 0.9725, 0.5686
CMYK	0.33, 0.94, 0.00, 0.57
HSL	279°, 88%, 23%
HSV	279°, 94%, 43%
XYZ	5.7145, 2.7336, 14.9783
YIQ	38.7750, 6.8690, 46.2370

Conversions

Conversions Part 2

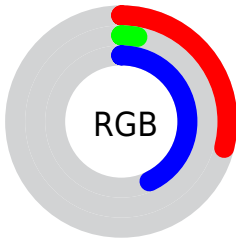
Format	Color
R_{YB}	74, 7, 110
Decimal	4851566
CIE _{Lab}	18.94, 45.26, -43.00
CIE _{LCh}	19, 62.425, 316.468
Yxy	2.7336, 0.2439, 0.1167
Android (android.graphics.Color)	4283041646 (0xFF4A076E)
YUV	38.7750, 35.1139, 30.8923
Hunter-Lab	16.5336, 32.7611, -42.1392

Details

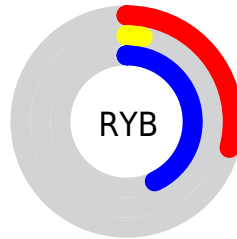
The Decimal color **4851566** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2846215**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **8339106**, and **1703997** is the 20% darker color. If you saturate the color by 10%, you get **4718702**, and if you desaturate by 10%, it is **5116526**.

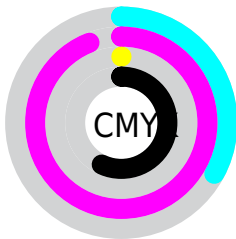
Distribution



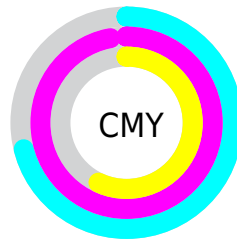
- Red (29%)
- Green (3%)
- Blue (43%)



- Red (29%)
- Yellow (3%)
- Blue (43%)



- Cyan (33%)
- Magenta (94%)
- Yellow (0%)
- Black (57%)



- Cyan (71%)
- Magenta (97%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4851566 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 4851566 by changing the saturation by 10% instead.

■ 4851566

■ 4851566

■ 16776447

■ 3145813

■ 8339106

■ 1703997

■ 10115262

■ 806

■ 11956698

■ 271

■ 13864183

■ 0

■ 15771647

■ 16761855

■ 16769023

■ 4851566

■ 4851566

■ 4718702

■ 5116526

■ 5381486

■ 5646446

■ 5845870

■ 6110830

■ 6375790

■ 6640750

■ 6905710

■ 7170670

Harmonies

Analogous

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



11656



4851566



7340101

Triad

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



4851566



4858880



15943

Complementary

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



4851566



2846215

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.



15639



4851566



2241536

Square

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



4851566



6750208



14848



15985

Rectangle

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



4851566



7798823



14848



15927

Sweetspot

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



4851566



8480655



469870



4140871



13092807



4671303

Same Dimension

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



4851566



6094991



7210847



3551800



5111928



10551543

Inverse Universe

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



7210795



9371698



486934



3682868



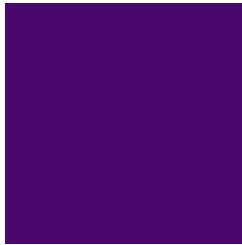
7864362



16187478

Previews

White Background



This preview shows how the Decimal color 4851566 looks on a white background.

Color Contrast Check

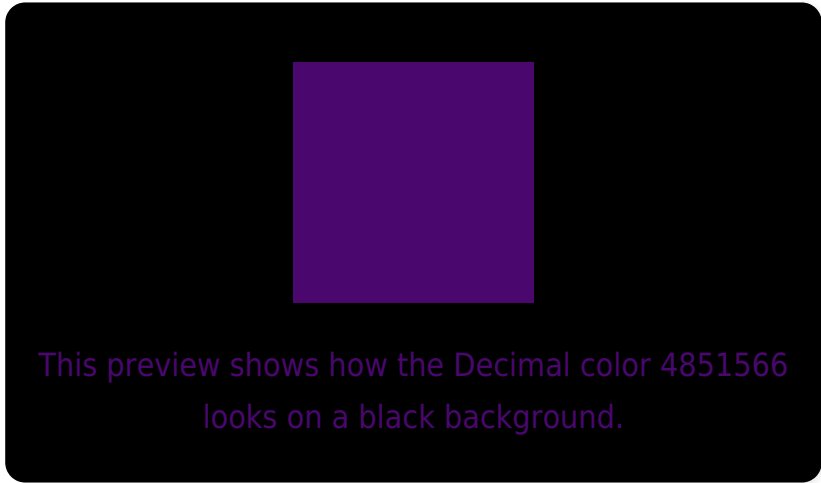
Large Text (above 18pt) WCAG AA ✓ Pass

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

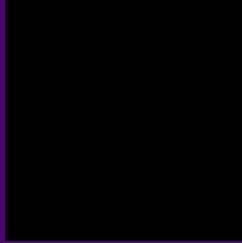
Any Text WCAG AA × Fail

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 4851566 Background



This preview shows how black text looks on a background with the Decimal color 4851566.

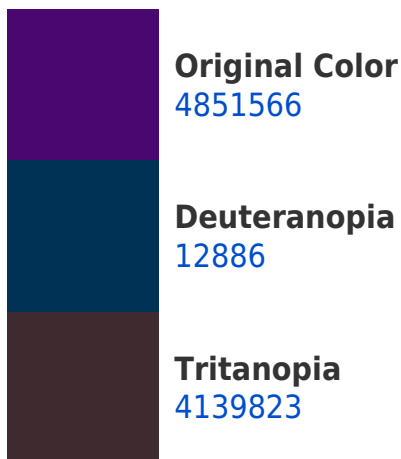


This preview shows how white text looks on a background with the Decimal color 4851566.

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

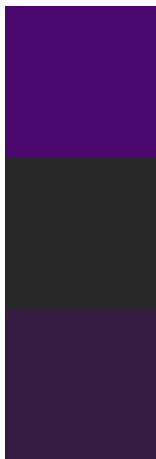


Original Color
4851566

Deuteranomaly
1778271

Tritanomaly
4398662

Monochromacy



Original Color
4851566

Achromatopsia
2565927

Achromatomaly
3414849

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4851566 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 #4A076E looks like.

```
.text, #text, p{  
    color:#4A076E  
}
```

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 #4A076E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A076E
}
```

Border

The CSS property to change the border of an element to Decimal 4851566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

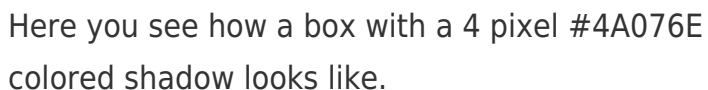
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A076E }
```

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

```
.border{ border-color:#4A076E }
```

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



Here you see how a box with a 4 pixel #4A076E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A076E; -webkit-box-shadow:4px 4px  
4px 4px #4A076E; box-shadow:4px 4px 4px  
4px #4A076E }
```

Background

The CSS property to change the background color of an element to Decimal 4851566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A076E }
```

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

```
.background{ background-color:#4A076E }
```

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