

Converting Colors

Decimal(4396660)

Have a look what the booklet for
Decimal(4396660) contains.

- Decimal(4396660)** 3
 - Conversions*** 4
 - Details*** 6
 - Harmonies*** 11
 - Previews*** 23
 - Color Blindness Simulation*** 26
 - CSS Examples*** 29

Color

Decimal(4396660)

Conversions

Conversions Part 1	
Format	Color
Hex	431674
RGB	67, 22, 116
RGB Percent	26%, 9%, 45%
CMY	0.7373, 0.9137, 0.5451
CMYK	0.42, 0.81, 0.00, 0.55
HSL	269°, 68%, 27%
HSV	269°, 81%, 45%
XYZ	5.7540, 3.0281, 16.8042
YIQ	46.1710, -3.3540, 38.7740

Conversions

Conversions Part 2

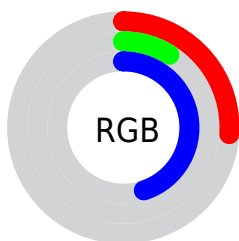
Format	Color
RYB	67, 22, 116
Decimal	4396660
CIELab	20.16, 40.48, -44.94
CIELCh	20, 60.486, 312.012
Yxy	3.0281, 0.2249, 0.1183
Android (android.graphics.Color)	4282586740 (0xFF431674)
YUV	46.1710, 34.4257, 18.2670
Hunter-Lab	17.4013, 28.5716, -45.0745

Details

The Decimal color **4396660** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4682774**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7882665**, and **1245251** is the 20% darker color. If you saturate the color by 10%, you get **4000372**, and if you desaturate by 10%, it is **4792948**.

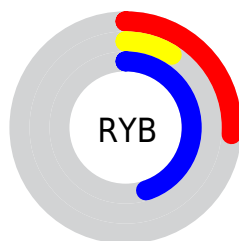
Distribution



Red (26%)

Green (9%)

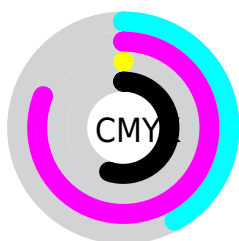
Blue (45%)



Red (26%)

Yellow (9%)

Blue (45%)

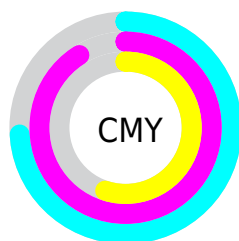


Cyan (42%)

Magenta (81%)

Yellow (0%)

Black (55%)



Cyan (74%)

Magenta (91%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4396660 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 4396660 by changing the saturation by 10% instead.

 4396660

 4396660

16777215

 2621531

 7882665

 1245251

 9658564

 811

 11500001

 278

 13341950

 0

 15249407

 16763903

 16771071

 4396660

 4396660

 4000372

 4792948

 3670132


 5188980

 5585268

 5981300

 6377588

 6773876

 7169908

 7566196

 7962228

Harmonies

Analogous

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



12938



4396660



7209037

Triad

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



4396660



5383168



16706

Complementary

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



4396660



4682774

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.



16146



439660



2962688

Square

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



4396660



7143424



15360



16748

Rectangle

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



4396660



7864368



15360



16691

Sweetspot

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



4396660



8680086



1460340



4273741



13421772



5066061

Same Dimension

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



4396660



4851094



7411316



3683643



3866746



7864570

Inverse Universe

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



7607879



9831761



1668118



3880248



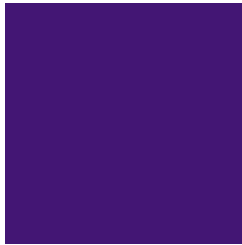
7995456



16384130

Previews

White Background



This preview shows how the Decimal color 4396660 looks on a white background.

Color Contrast Check

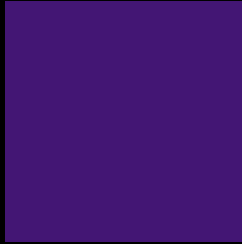
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 4396660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

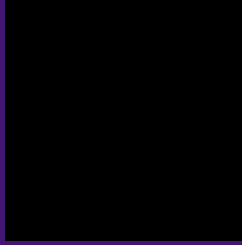
Any Text WCAG AA × Fail

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 4396660 Background



This preview shows how black text looks on a background with the Decimal color 4396660.



This preview shows how white text looks on a background with the Decimal color 4396660.

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

4396660

Protanopia

12390

Deuteranopia

13144

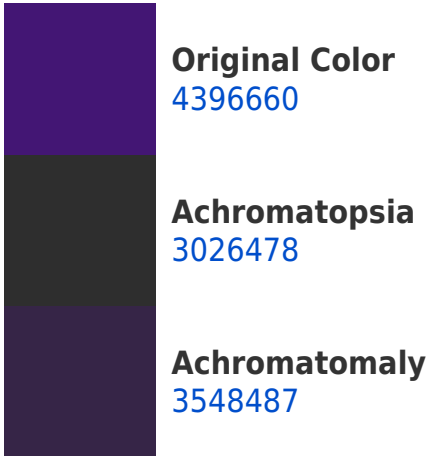


Tritanopia
3486004

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4396660 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 #431674 looks like.

```
.text, #text, p{  
    color:#431674  
}
```

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 #431674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431674
}
```

Border

The CSS property to change the border of an element to Decimal 4396660 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
#431674 }
```

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

```
.border{ border-color:#431674 }
```

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

Here you see how a box with a 4 pixel #431674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431674; -webkit-box-shadow:4px 4px  
4px 4px #431674; box-shadow:4px 4px 4px  
4px #431674 }
```

Background

The CSS property to change the background color of an element to Decimal 4396660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431674 }
```

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

```
.background{ background-color:#431674 }
```

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