

Converting Colors

Decimal(4425630)

Have a look what the booklet for
Decimal(4425630) contains.

Decimal(4425630)	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>	29

Color

Decimal(4425630)

Conversions

Conversions Part 1

Format	Color
Hex	43879E
RGB	67, 135, 158
RGB Percent	26%, 53%, 62%
CMY	0.7373, 0.4706, 0.3804
CMYK	0.58, 0.15, 0.00, 0.38
HSL	195°, 40%, 44%
HSV	195°, 58%, 62%
XYZ	17.1503, 20.9899, 35.4953
YIQ	117.2900, -47.9110, -7.2630

Conversions

Conversions Part 2

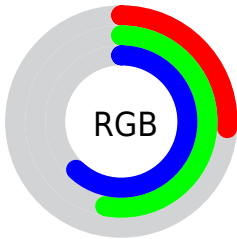
Format	Color
RYB	67, 106, 158
Decimal	4425630
CIELab	52.94, -14.61, -18.79
CIELCh	53, 23.798, 232.135
Yxy	20.9899, 0.2329, 0.2851
Android (android.graphics.Color)	4282615710 (0xFF43879E)
YUV	117.2900, 20.0700, -44.1043
Hunter-Lab	45.8147, -13.3560, -13.8651

Details

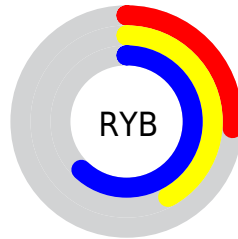
The Decimal color **4425630** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10377795**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8109269**, and **21867** is the 20% darker color. If you saturate the color by 10%, you get **3376030**, and if you desaturate by 10%, it is **5475230**.

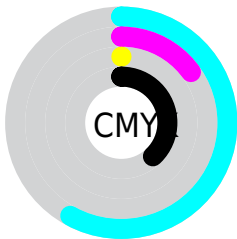
Distribution



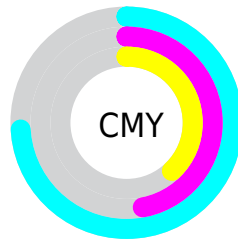
- Red (26%)
- Green (53%)
- Blue (62%)



- Red (26%)
- Yellow (42%)
- Blue (62%)



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4425630 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 4425630 by changing the saturation by 10% instead.

■ 4425630

■ 4425630

16777215

■ 2453124

■ 8109269

■ 21867

■ 9885937

■ 15954

■ 11793919

■ 10299

■ 13631487

■ 5157

■ 15597567

■ 271

■ 0

■ 4425630

■ 4425630

■ 3376030

■ 5475230

■ 2326430

■ 6524830

■ 1342366

■ 7508894

■ 292766

■ 8558494

■ 30366

■ 9608094

■ 10657694

■ 11707294

■ 12691358

■ 13740958

Harmonies

Analogous

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



4098445



4425630



6062758

Triad

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



4425630



10711173



8225368

Complementary

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



4425630



10377795

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.



9599830



4425630



10973296

Square

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



4425630



9663640



10581087



6719333

Rectangle

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



4425630



7372198



10581087



8683606

Sweetspot

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



4425630



11257551



4431450



5530473



15263976



6908265

Same Dimension

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



4425630



4238287



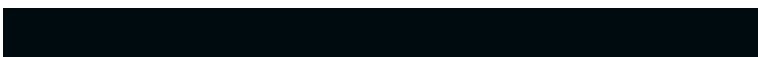
4414110



4672847



27535



2831

Inverse Universe

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



10371975



13582507



10389315



5195597



9371755



983051

Previews

White Background



This preview shows how the Decimal color 4425630 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 4425630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

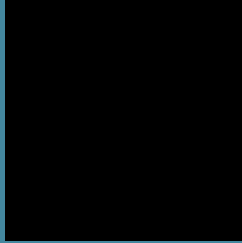
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4425630 Background



This preview shows how black text looks on a background with the Decimal color 4425630.

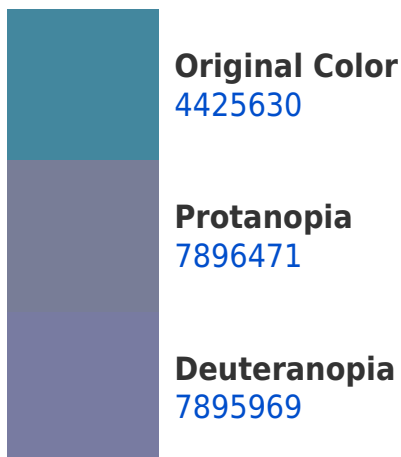



This preview shows how white text looks on a background with the Decimal color 4425630.

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](#).

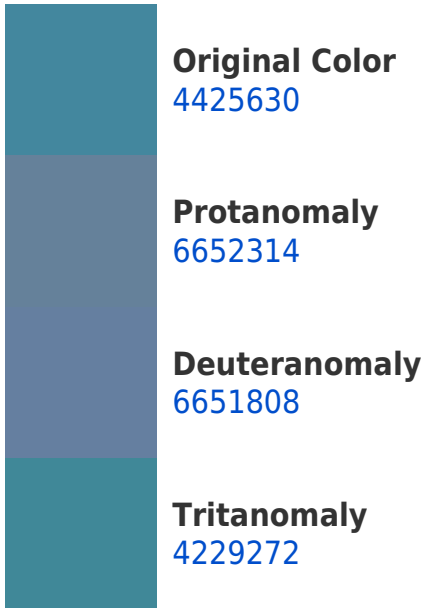
Dichromacy





Tritanopia
4163988

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4425630 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 #43879E looks like.

```
.text, #text, p{  
    color:#43879E  
}
```

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 #43879E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43879E
}
```

Border

The CSS property to change the border of an element to Decimal 4425630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

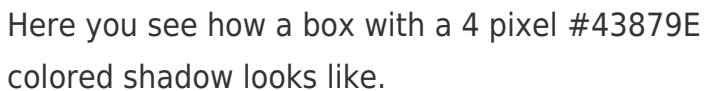
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43879E }
```

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

```
.border{ border-color:#43879E }
```

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



Here you see how a box with a 4 pixel #43879E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43879E; -webkit-box-shadow:4px 4px  
4px 4px #43879E; box-shadow:4px 4px 4px  
4px #43879E }
```

Background

The CSS property to change the background color of an element to Decimal 4425630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43879E }
```

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

```
.background{ background-color:#43879E }
```

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