

Converting Colors

Decimal(4999280)

Have a look what the booklet for
Decimal(4999280) contains.

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Color

Decimal(4999280)

Conversions

Conversions Part 1

Format	Color
Hex	4C4870
RGB	76, 72, 112
RGB Percent	30%, 28%, 44%
CMY	0.7020, 0.7176, 0.5608
CMYK	0.32, 0.36, 0.00, 0.56
HSL	246°, 22%, 36%
HSV	246°, 36%, 44%
XYZ	8.2225, 7.3411, 16.3128
YIQ	77.7560, -10.4560, 13.2880

Conversions

Conversions Part 2

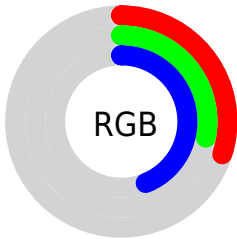
Format	Color
R_{YB}	76, 72, 112
Decimal	4999280
CIE _{Lab}	32.57, 11.78, -22.48
CIE _{LCh}	33, 25.378, 297.650
Yxy	7.3411, 0.2579, 0.2303
Android (android.graphics.Color)	4283189360 (0xFF4C4870)
YUV	77.7560, 16.8823, -1.5400
Hunter-Lab	27.0944, 6.7551, -16.7308

Details

The Decimal color **4999280** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7106632**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8288420**, and **1908032** is the 20% darker color. If you saturate the color by 10%, you get **4341104**, and if you desaturate by 10%, it is **5657456**.

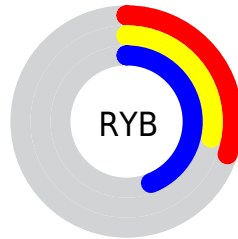
Distribution



 Red (30%)

 Green (28%)

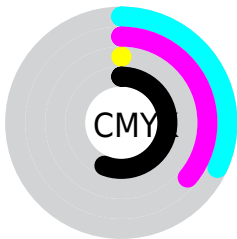
 Blue (44%)




 Red (30%)

 Yellow (28%)

 Blue (44%)

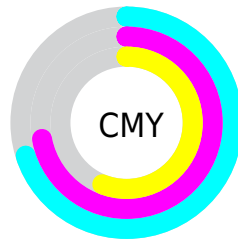


 Cyan (32%)

 Magenta (36%)

 Yellow (0%)

 Black (56%)



 Cyan (70%)

 Magenta (72%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4999280 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 4999280 by changing the saturation by 10% instead.

■ 4999280

■ 4999280

16777215

■ 3420759

■ 8288420

■ 1908032

■ 9999039

■ 590634

■ 11775451

■ 276

■ 13617400

■ 0

■ 15525119

■ 4999280

■ 4999280

■ 4341104

■ 5657456

■ 3682928

■ 6315632

■ 3024496

■ 6974064

■ 2366320

■ 7632240

■ 1708144

■ 8290416

■ 1049968

■ 8948592

■ 721008

■ 9672304

■ 10330736

■ 10988912

Harmonies

Analogous

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



2707316



4999280



6570338

Triad

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



4999280



6964267



481098

Complementary

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



4999280



7106632

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.



3036470



4999280



5917476

Square

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



4999280



7487035



4608296



22366

Rectangle

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



4999280



7224662



4608296



1660483

Sweetspot

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



4999280



8618385



4746352



4276298



13224393



4868682

Same Dimension

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



4999280



5854097



6310000



3355192



786552



1638647

Inverse Universe

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



7358572



9524107



5795912



3682872



7864428



16187615

Previews

White Background



This preview shows how the Decimal color 4999280 looks on a white background.

Color Contrast Check

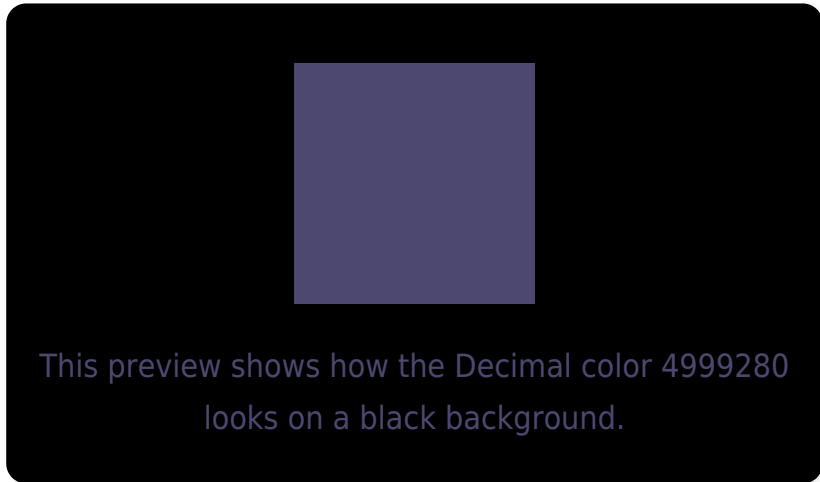
Large Text (above 18pt) WCAG AA ✓ Pass

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 4999280 Background



This preview shows how black text looks on a background with the Decimal color 4999280.

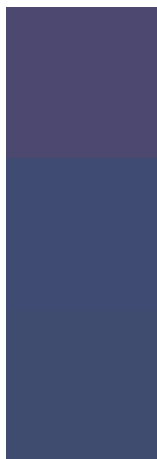


This preview shows how white text looks on a background with the Decimal color 4999280.

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
4999280

Protanopia
4148083

Deuteranopia
4148335



Tritanopia
4607572

Trichromacy



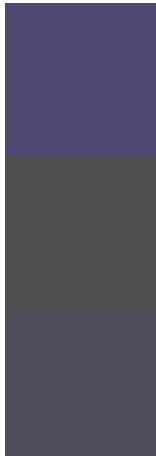
Original Color
4999280

Protanomaly
4475506

Deuteranomaly
4475759

Tritanomaly
4738142

Monochromacy



Original Color
4999280

Achromatopsia
5131854

Achromatomaly
5065818

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4999280 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 #4C4870 looks like.

```
.text, #text, p{  
    color:#4C4870  
}
```

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 #4C4870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4870  
}
```

Border

The CSS property to change the border of an element to Decimal 4999280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

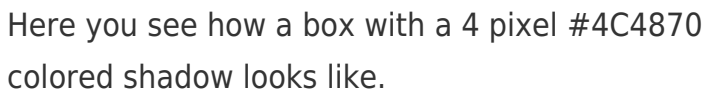
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C4870 }
```

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

```
.border{ border-color:#4C4870 }
```

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



Here you see how a box with a 4 pixel #4C4870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4870; -webkit-box-shadow:4px 4px  
4px 4px #4C4870; box-shadow:4px 4px 4px  
4px #4C4870 }
```

Background

The CSS property to change the background color of an element to Decimal 4999280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4870 }
```

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

```
.background{ background-color:#4C4870 }
```

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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