

Converting Colors

Decimal(4805251)

Have a look what the booklet for
Decimal(4805251) contains.

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Color

Decimal(4805251)

Conversions

Conversions Part 1

Format	Color
Hex	495283
RGB	73, 82, 131
RGB Percent	29%, 32%, 51%
CMY	0.7137, 0.6784, 0.4863
CMYK	0.44, 0.37, 0.00, 0.49
HSL	231°, 28%, 40%
HSV	231°, 44%, 51%
XYZ	9.8617, 9.0897, 22.7075
YIQ	84.8950, -21.0930, 13.3310

Conversions

Conversions Part 2

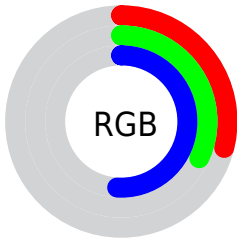
Format	Color
R_{YB}	73, 81, 131
Decimal	4805251
CIE _{Lab}	36.16, 10.14, -28.68
CIE _{LCh}	36, 30.418, 289.466
Yxy	9.0897, 0.2367, 0.2182
Android (android.graphics.Color)	4282995331 (0xFF495283)
YUV	84.8950, 22.7298, -10.4319
Hunter-Lab	30.1492, 5.6255, -23.5510

Details

The Decimal color **4805251** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8616521**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8160184**, and **1451601** is the 20% darker color. If you saturate the color by 10%, you get **3950467**, and if you desaturate by 10%, it is **5660035**.

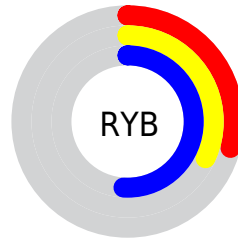
Distribution



Red (29%)

Green (32%)

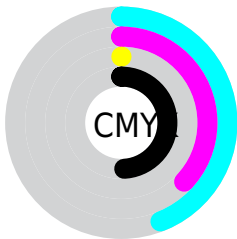
Blue (51%)



Red (29%)

Yellow (32%)

Blue (51%)

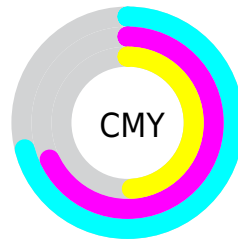


Cyan (44%)

Magenta (37%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (68%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4805251 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 4805251 by changing the saturation by 10% instead.

■ 4805251

■ 4805251

16777215

■ 3160938

■ 8160184

■ 1451601

■ 9936340

■ 4410

■ 11712753

■ 548

■ 13554943

■ 12

■ 15462655

■ 0

■ 4805251

■ 4805251

■ 3950467

■ 5660035

■ 3095683

■ 6514819

■ 2240899

■ 7369603

■ 1386115

■ 8224387

■ 531331

■ 9144707

■ 5251

■ 9999491

■ 10854275

■ 11709315

■ 12564099

Harmonies

Analogous

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



744069



4805251



7030901

Triad

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



4805251



8144945



483659

Complementary

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



4805251



8616521

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.



3694132



4805251



7033124

Square

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



4805251



8601926



5527845



24932

Rectangle

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



4805251



7947111



5527845



1990723

Sweetspot

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



4805251



9803947



4817785



4803415



14079702



5723991

Same Dimension

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



4805251



5267115



6048131



3947842



5250



3

Inverse Universe

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



8603986



11227230



7373641



4340797



8519700



196608

Previews

White Background



This preview shows how the Decimal color 4805251 looks on a white background.

Color Contrast Check

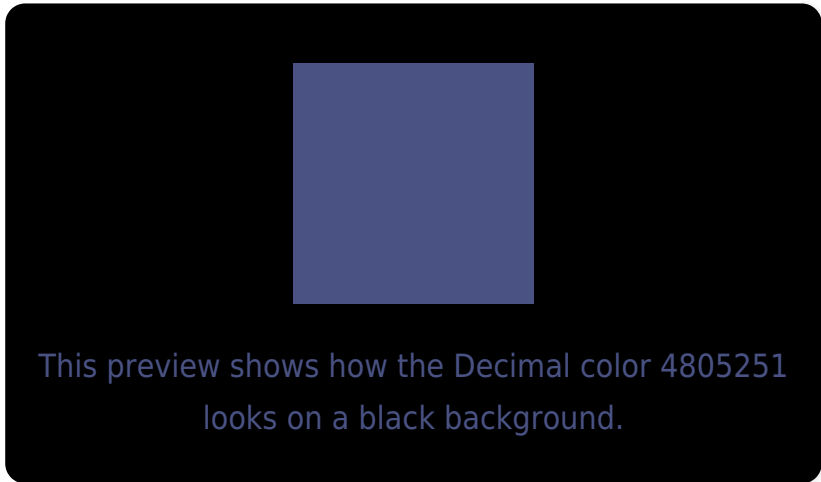
Large Text (above 18pt) WCAG AA ✓ Pass

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

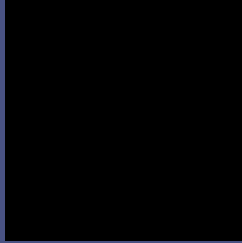
Any Text WCAG AA × Fail

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 4805251 Background



This preview shows how black text looks on a background with the Decimal color 4805251.



This preview shows how white text looks on a background with the Decimal color 4805251.

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
4805251

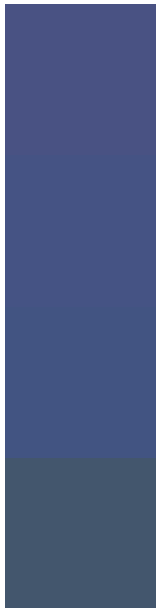
Protanopia
4412292

Deuteranopia
4085122



Tritanopia
4217184

Trichromacy



Original Color
4805251

Protanomaly
4543364

Deuteranomaly
4347010

Tritanomaly
4413037

Monochromacy



Original Color
4805251

Achromatopsia
5592405

Achromatomaly
5330022

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4805251 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 #495283 looks like.

```
.text, #text, p{  
    color:#495283  
}
```

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 #495283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495283
}
```

Border

The CSS property to change the border of an element to Decimal 4805251 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".

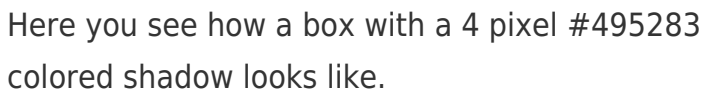
```
.border, #border, table{ border:4px solid
#495283 }
```

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

```
.border{ border-color:#495283 }
```

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

Here you see how a box with a 4 pixel #495283 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495283; -webkit-box-shadow:4px 4px  
4px 4px #495283; box-shadow:4px 4px 4px  
4px #495283 }
```

Background

The CSS property to change the background color of an element to Decimal 4805251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495283 }
```

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

```
.background{ background-color:#495283 }
```

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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