

Converting Colors

Decimal(4806246)

Have a look what the booklet for
Decimal(4806246) contains.

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Color

Decimal(4806246)

Conversions

Conversions Part 1

Format	Color
Hex	495666
RGB	73, 86, 102
RGB Percent	29%, 34%, 40%
CMY	0.7137, 0.6627, 0.6000
CMYK	0.28, 0.16, 0.00, 0.60
HSL	213°, 17%, 34%
HSV	213°, 28%, 40%
XYZ	8.4737, 9.0314, 13.8670
YIQ	83.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

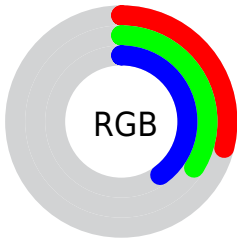
Format	Color
RYB	73, 82, 102
Decimal	4806246
CIELab	36.04, -0.97, -10.89
CIELCh	36, 10.935, 264.937
Yxy	9.0314, 0.2701, 0.2879
Android (android.graphics.Color)	4282996326 (0xFF495666)
YUV	83.9370, 8.9051, -9.5917
Hunter-Lab	30.0522, -2.2604, -6.3216

Details

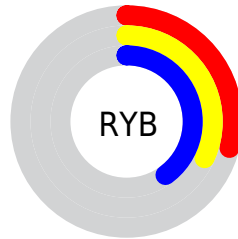
The Decimal color **4806246** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6707529**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8030361**, and **1845559** is the 20% darker color. If you saturate the color by 10%, you get **4149350**, and if you desaturate by 10%, it is **5463142**.

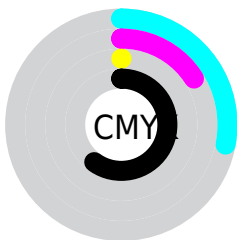
Distribution



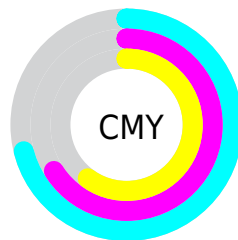
- Red (29%)
- Green (34%)
- Blue (40%)



- Red (29%)
- Yellow (32%)
- Blue (40%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4806246 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 4806246 by changing the saturation by 10% instead.

■ 4806246

■ 4806246

16777215

■ 3293006

■ 8030361

■ 1845559

■ 9740980

■ 333090

■ 11517391

■ 10

■ 13359596

■ 0

■ 15201791

■ 4806246

■ 4806246

■ 4149350

■ 5463142

■ 3492710

■ 6119782

■ 2770278

■ 6842214

■ 2113382

■ 7499110

■ 1456742

■ 8155750

■ 799846

■ 8812646

■ 143206

■ 9469286

■ 11878

■ 10191718

■ 10848614

Harmonies

Analogous

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



4216931



4806246



5526373

Triad

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



4806246



6770510



4872522

Complementary

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



4806246



6707529

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.



5527109



4806246



6574407

Square

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



4806246



6639447



6116419



4282963

Rectangle

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



4806246



6050145



6116419



5068872

Sweetspot

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



4806246



7962245



4810329



3882562



12763842



4342338

Same Dimension

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



4806246



5794949



4868454



3026995



13171



28146

Inverse Universe

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



6703446



8738924



6645321



3354160



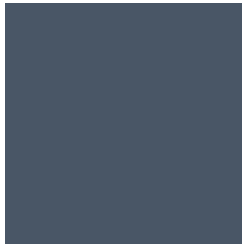
7536691



15859821

Previews

White Background



This preview shows how the Decimal color 4806246 looks on a white background.

Color Contrast Check

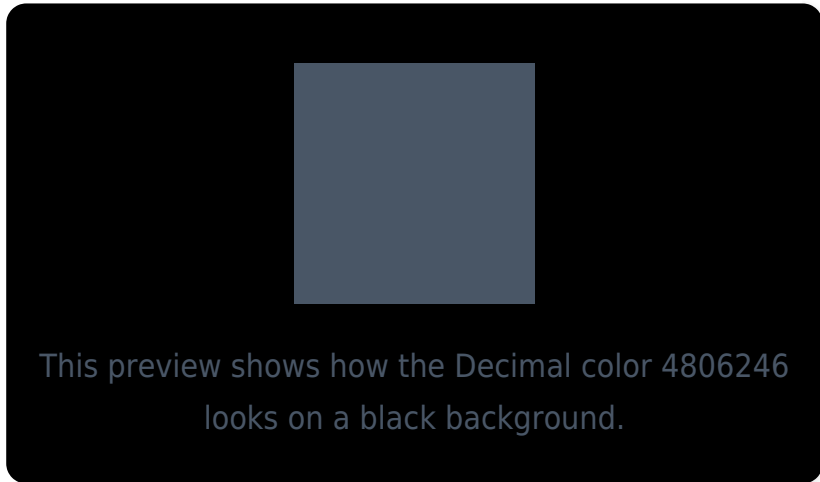
Large Text (above 18pt) WCAG AA ✓ Pass

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

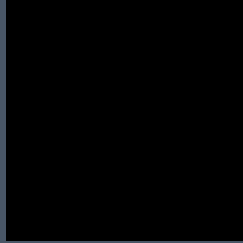
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

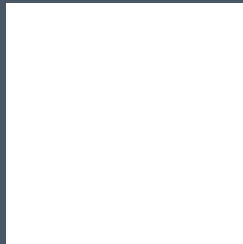
Any Text WCAG AAA × Fail

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

Decimal 4806246 Background



This preview shows how black text looks on a background with the Decimal color 4806246.

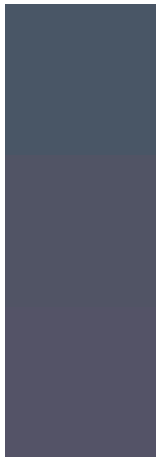


This preview shows how white text looks on a background with the Decimal color 4806246.

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

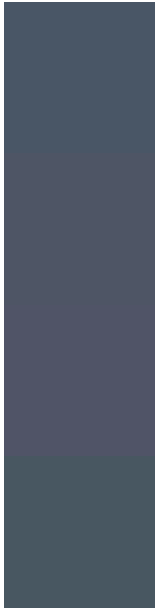


Original Color
4806246

Protanopia
5330021

Deuteranopia
5526375

Trichromacy



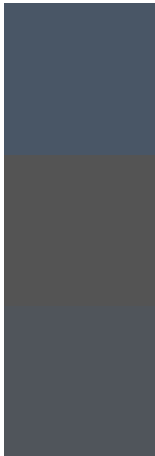
Original Color
4806246

Protanomaly
5133669

Deuteranomaly
5264487

Tritanomaly
4740961

Monochromacy



Original Color
4806246

Achromatopsia
5526612

Achromatomaly
5264731

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4806246 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 #495666 looks like.

```
.text, #text, p{  
    color:#495666  
}
```

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 #495666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495666
}
```

Border

The CSS property to change the border of an element to Decimal 4806246 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
#495666 }
```

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

```
.border{ border-color:#495666 }
```

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

Here you see how a box with a 4 pixel #495666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495666; -webkit-box-shadow:4px 4px  
4px 4px #495666; box-shadow:4px 4px 4px  
4px #495666 }
```

Background

The CSS property to change the background color of an element to Decimal 4806246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495666 }
```

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

```
.background{ background-color:#495666 }
```

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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