

Converting Colors

Decimal(4804982)

Have a look what the booklet for
Decimal(4804982) contains.

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Color

Decimal(4804982)

Conversions

Conversions Part 1

Format	Color
Hex	495176
RGB	73, 81, 118
RGB Percent	29%, 32%, 46%
CMY	0.7137, 0.6824, 0.5373
CMYK	0.38, 0.31, 0.00, 0.54
HSL	229°, 24%, 37%
HSV	229°, 38%, 46%
XYZ	8.9601, 8.6093, 18.3291
YIQ	82.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

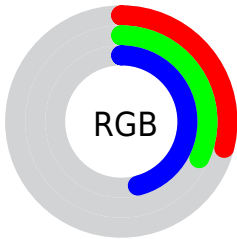
Format	Color
R_{YB}	73, 80, 118
Decimal	4804982
CIE Lab	35.22, 6.78, -22.12
CIE LCh	35, 23.134, 287.040
Yxy	8.6093, 0.2496, 0.2398
Android (android.graphics.Color)	4282995062 (0xFF495176)
YUV	82.8260, 17.3408, -8.6174
Hunter-Lab	29.3417, 3.1608, -16.4979

Details

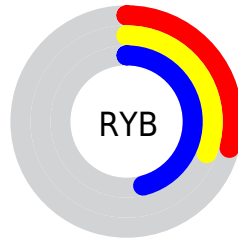
The Decimal color **4804982** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7761481**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **8094378**, and **1647941** is the 20% darker color. If you saturate the color by 10%, you get **4015990**, and if you desaturate by 10%, it is **5593974**.

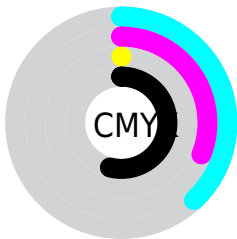
Distribution



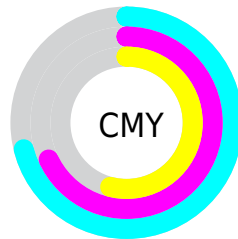
- Red (29%)
- Green (32%)
- Blue (46%)



- Red (29%)
- Yellow (31%)
- Blue (46%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4804982 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 4804982 by changing the saturation by 10% instead.

■ 4804982

■ 4804982

16777215

■ 3226205

■ 8094378

■ 1647941

■ 9870534

■ 135215

■ 11646946

■ 282

■ 13423614

■ 0

■ 15331327

■ 4804982

■ 4804982

■ 4015990

■ 5593974

■ 3227254

■ 6382710

■ 2503798

■ 7106166

■ 1714806

■ 7895158

■ 925814

■ 8684150

■ 137078

■ 9472886

■ 5494

■ 10261878

■ 10985334

■ 11774070

Harmonies

Analogous

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



2709366



4804982



6441580

Triad

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



4804982



7489849



2579530

Complementary

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



4804982



7761481

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.



4151865



4804982



6704943

Square

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



4804982



7816521



5526831



548189

Rectangle

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



4804982



7227234



5526831



3169348

Sweetspot

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



4804982



8948633



4814446



4408397



13421772



5066061

Same Dimension

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



4804982



5463961



5720438



3487291



5754



11514

Inverse Universe

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



7752017



10048351



6846025



3880246



7995414



16384044

Previews

White Background



This preview shows how the Decimal color 4804982 looks on a white background.

Color Contrast Check

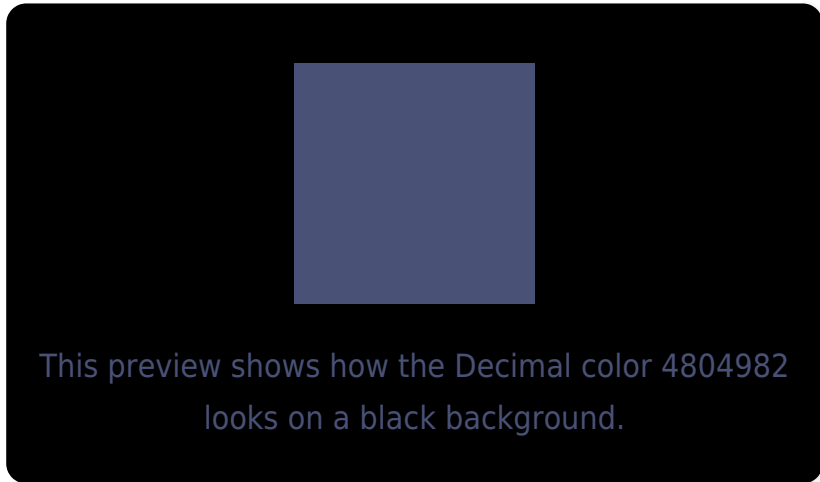
Large Text (above 18pt) WCAG AA ✓ Pass

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

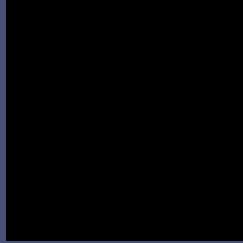
Any Text WCAG AA × Fail

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 4804982 Background



This preview shows how black text looks on a background with the Decimal color 4804982.

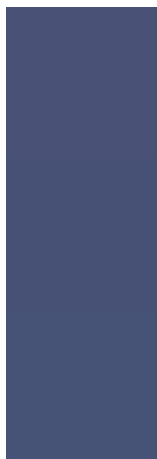


This preview shows how white text looks on a background with the Decimal color 4804982.

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

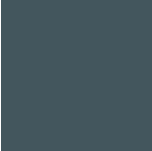
4804982

Protanopia

4673910

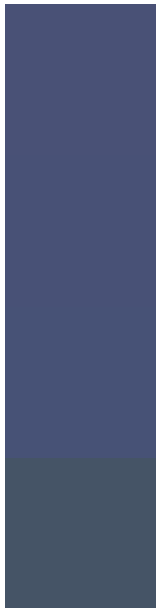
Deuteranopia

4608630



Tritanopia
4413021

Trichromacy



Original Color

4804982

Protanomaly

4739446

Deuteranomaly

4674166

Tritanomaly

4543590

Monochromacy



Original Color

4804982

Achromatopsia

5460819

Achromatomaly

5198432

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4804982 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 #495176 looks like.

```
.text, #text, p{  
    color:#495176  
}
```

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 #495176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495176
}
```

Border

The CSS property to change the border of an element to Decimal 4804982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

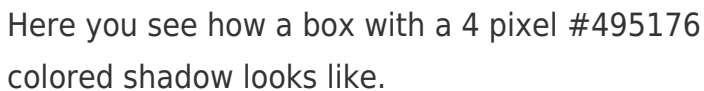
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#495176 }
```

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

```
.border{ border-color:#495176 }
```

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



Here you see how a box with a 4 pixel #495176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495176; -webkit-box-shadow:4px 4px  
4px 4px #495176; box-shadow:4px 4px 4px  
4px #495176 }
```

Background

The CSS property to change the background color of an element to Decimal 4804982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495176 }
```

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

```
.background{ background-color:#495176 }
```

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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