

Converting Colors

Decimal(4802955)

Have a look what the booklet for
Decimal(4802955) contains.

Decimal(4802955)	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(4802955)

Conversions

Conversions Part 1

Format	Color
Hex	49498B
RGB	73, 73, 139
RGB Percent	29%, 29%, 55%
CMY	0.7137, 0.7137, 0.4549
CMYK	0.47, 0.47, 0.00, 0.45
HSL	240°, 31%, 42%
HSV	240°, 47%, 55%
XYZ	9.7904, 8.0456, 25.4630
YIQ	80.5240, -21.1860, 20.5260

Conversions

Conversions Part 2

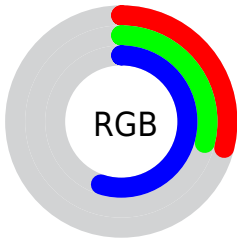
Format	Color
R_{YB}	73, 73, 139
Decimal	4802955
CIE _{Lab}	34.08, 18.53, -36.88
CIE _{LCh}	34, 41.272, 296.677
Yxy	8.0456, 0.2261, 0.1858
Android (android.graphics.Color)	4282993035 (0xFF49498B)
YUV	80.5240, 28.8287, -6.5985
Hunter-Lab	28.3648, 11.9726, -33.3691

Details

The Decimal color **4802955** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **9145161**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8223425**, and **1187416** is the 20% darker color. If you saturate the color by 10%, you get **3881867**, and if you desaturate by 10%, it is **5724043**.

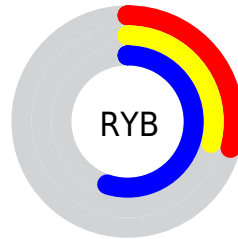
Distribution



Red (29%)

Green (29%)

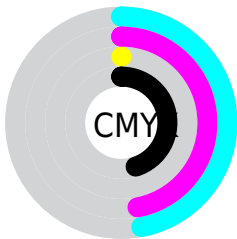
Blue (55%)



Red (29%)

Yellow (29%)

Blue (55%)

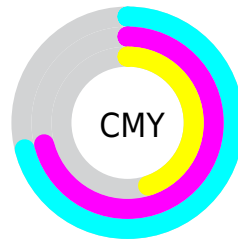


Cyan (47%)

Magenta (47%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4802955 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 4802955 by changing the saturation by 10% instead.



4802955



4802955

16777215



3093361



8223425



1187416



10064861



1857



11841274



810



13683199



276



15590911



0



4802955



4802955



3881867



5724043



2960779



6645131

■ 2039691

■ 7566219

■ 1118603

■ 8487307

■ 263307

■ 9408395

■ 139

■ 10263691

■ 11184779

■ 12105867

■ 13026955

Harmonies

Analogous

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



21906



4802955



7617141

Triad

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



4802955



8142872



24395

Complementary

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



4802955



9145161

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.



1137962



4802955



6573316

Square

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



4802955



9057333



4478734



24429

Rectangle

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



4802955



8663648



4478734



24384

Sweetspot

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



4802955



10263733



4819851



5000284



14408667



6052956

Same Dimension

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



4802955



5131957



6965643



4079173



133



5

Inverse Universe

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



9128331



11882165



6982473



4537925



8716421



327685

Previews

White Background



This preview shows how the Decimal color 4802955 looks on a white background.

Color Contrast Check

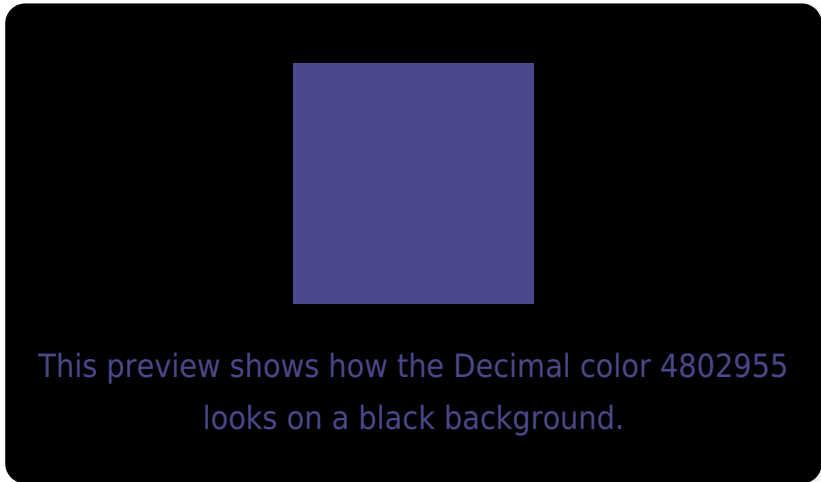
Large Text (above 18pt) WCAG AA ✓ Pass

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 4802955 Background



This preview shows how black text looks on a background with the Decimal color 4802955.

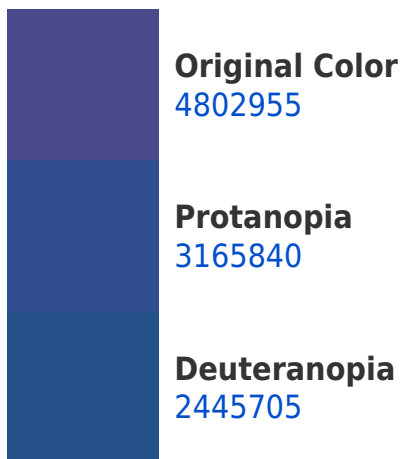



This preview shows how white text looks on a background with the Decimal color 4802955.

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
3888219

Trichromacy



Original Color
4802955

Protanomaly
3755150

Deuteranomaly
3296906

Tritanomaly
4214892

Monochromacy



Original Color
4802955

Achromatopsia
5329233

Achromatomaly
5131878

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4802955 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 #49498B looks like.

```
.text, #text, p{  
    color:#49498B  
}
```

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 #49498B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49498B
}
```

Border

The CSS property to change the border of an element to Decimal 4802955 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
#49498B }
```

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

```
.border{ border-color:#49498B }
```

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

Here you see how a box with a 4 pixel #49498B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49498B; -webkit-box-shadow:4px 4px  
4px 4px #49498B; box-shadow:4px 4px 4px  
4px #49498B }
```

Background

The CSS property to change the background color of an element to Decimal 4802955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49498B }
```

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

```
.background{ background-color:#49498B }
```

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