

Converting Colors

Decimal(4816013)

Have a look what the booklet for
Decimal(4816013) contains.

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Color

Decimal(4816013)

Conversions

Conversions Part 1

Format	Color
Hex	497C8D
RGB	73, 124, 141
RGB Percent	29%, 49%, 55%
CMY	0.7137, 0.5137, 0.4471
CMYK	0.48, 0.12, 0.00, 0.45
HSL	195°, 32%, 42%
HSV	195°, 48%, 55%
XYZ	14.7630, 17.7549, 27.8482
YIQ	110.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

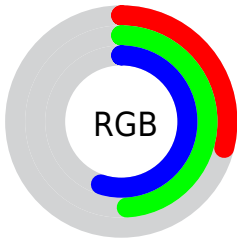
Format	Color
R_{YB}	73, 102, 141
Decimal	4816013
CIE _{Lab}	49.20, -12.25, -14.54
CIE _{LCh}	49, 19.017, 229.887
Yxy	17.7549, 0.2446, 0.2941
Android (android.graphics.Color)	4283006093 (0xFF497C8D)
YUV	110.6890, 14.9433, -33.0533
Hunter-Lab	42.1365, -11.1993, -9.6895

Details

The Decimal color **4816013** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9263689**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8303043**, and **1067867** is the 20% darker color. If you saturate the color by 10%, you get **3897485**, and if you desaturate by 10%, it is **5734541**.

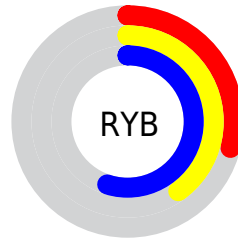
Distribution



Red (29%)

Green (49%)

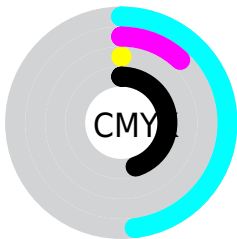
Blue (55%)



Red (29%)

Yellow (40%)

Blue (55%)

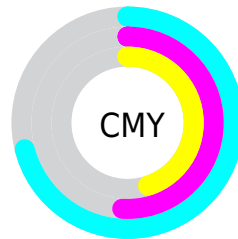


Cyan (48%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4816013 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 4816013 by changing the saturation by 10% instead.

■ 4816013

■ 4816013

16777215

■ 3105651

■ 8303043

■ 1067867

■ 10079455

■ 13379

■ 11856123

■ 7981

■ 13762559

■ 281

■ 15663103

■ 0

■ 4816013

■ 4816013

■ 3897485

■ 5734541

■ 2979213

■ 6652813

■ 2060685

■ 7571341

■ 1142413

■ 8489613

■ 158349

■ 9473677

■ 27277

■ 10391949

■ 11310477

■ 12228749

■ 13147277

Harmonies

Analogous

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



4619903



4816013



5929108

Triad

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



4816013



9595515



7763798

Complementary

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



4816013



9263689

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.



8811093



4816013



9857643

Square

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



4816013



8678794



9530717



6519648

Rectangle

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



4816013



6911380



9530717



8091221

Sweetspot

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



4816013



10400184



4820314



5003356



14408667



6052956

Same Dimension

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



4816013



5086648



4807309



4212295



25991



1544

Inverse Universe

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



9259388



12078493



9272393



4669510



8847461



524294

Previews

White Background



This preview shows how the Decimal color 4816013 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 × Fail

Black Background



This preview shows how the Decimal color 4816013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

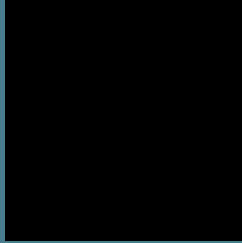
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4816013 Background



This preview shows how black text looks on a background with the Decimal color 4816013.

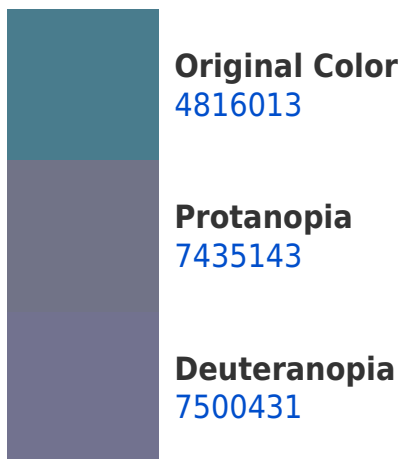



This preview shows how white text looks on a background with the Decimal color 4816013.

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
4685191

Trichromacy



Original Color
4816013

Protanomaly
6452873

Deuteranomaly
6518414

Tritanomaly
4750729

Monochromacy



Original Color
4816013

Achromatopsia
7303023

Achromatomaly
6386810

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4816013 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 #497C8D looks like.

```
.text, #text, p{  
    color:#497C8D  
}
```

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 #497C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497C8D
}
```

Border

The CSS property to change the border of an element to Decimal 4816013 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
#497C8D }
```

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

```
.border{ border-color:#497C8D }
```

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

Here you see how a box with a 4 pixel #497C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497C8D; -webkit-box-shadow:4px 4px  
4px 4px #497C8D; box-shadow:4px 4px 4px  
4px #497C8D }
```

Background

The CSS property to change the background color of an element to Decimal 4816013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497C8D }
```

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

```
.background{ background-color:#497C8D }
```

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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