

Converting Colors

Decimal(5016743)

Have a look what the booklet for
Decimal(5016743) contains.

Decimal(5016743)	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(5016743)

Conversions

Conversions Part 1

Format	Color
Hex	4C8CA7
RGB	76, 140, 167
RGB Percent	30%, 55%, 65%
CMY	0.7020, 0.4510, 0.3451
CMYK	0.54, 0.16, 0.00, 0.35
HSL	198°, 37%, 48%
HSV	198°, 54%, 65%
XYZ	19.3336, 23.0827, 39.9956
YIQ	123.9420, -46.8110, -5.1710

Conversions

Conversions Part 2

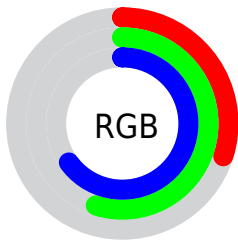
Format	Color
RYB	76, 114, 167
Decimal	5016743
CIELab	55.16, -12.66, -20.55
CIELCh	55, 24.135, 238.367
Yxy	23.0827, 0.2346, 0.2801
Android (android.graphics.Color)	4283206823 (0xFF4C8CA7)
YUV	123.9420, 21.2276, -42.0451
Hunter-Lab	48.0444, -12.2474, -15.7261

Details

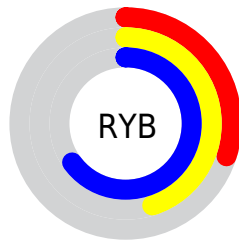
The Decimal color **5016743** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **10970956**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **8635102**, and **481907** is the 20% darker color. If you saturate the color by 10%, you get **3901351**, and if you desaturate by 10%, it is **6132135**.

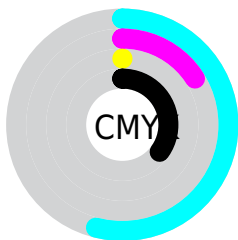
Distribution



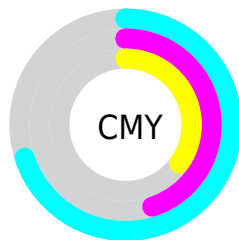
- Red (30%)
- Green (55%)
- Blue (65%)



- Red (30%)
- Yellow (45%)
- Blue (65%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (70%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5016743 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 5016743 by changing the saturation by 10% instead.

■ 5016743

■ 5016743

16777215

■ 3109517

■ 8635102

■ 481907

■ 10477307

■ 16986

■ 12385023

■ 11331

■ 14221311

■ 6444

■ 16187391

■ 280

■ 0

■ 5016743

■ 5016743

■ 3901351

■ 6132135

■ 2851495

■ 7181991

■ 1736103

■ 8297383

■ 620711

■ 9412775

■ 30119

■ 10462631

■ 11578023

■ 12693415

■ 13808807

■ 14858663

Harmonies

Analogous

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



4362135



5016743



6784685

Triad

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



5016743



11302278



8292703

Complementary

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



5016743



10970956

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.



9732698



5016743



11433585

Square

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



5016743



10385562



10845025



6720878

Rectangle

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



5016743



8159916



10845025



8816476

Sweetspot

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



5016743



11980505



5023590



5859182



15592941



7237230

Same Dimension

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



5016743



5025753



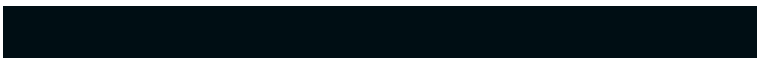
5005479



5001812



26772



3604

Inverse Universe

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



10964108



14240943



10982220



5524562



9699432



1310734

Previews

White Background



This preview shows how the Decimal color 5016743 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 5016743 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 5016743 Background



This preview shows how black text looks on a background with the Decimal color 5016743.




This preview shows how white text looks on a background with the Decimal color 5016743.

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
4689562

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5016743 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 #4C8CA7 looks like.

```
.text, #text, p{  
    color:#4C8CA7  
}
```

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 #4C8CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8CA7
}
```

Border

The CSS property to change the border of an element to Decimal 5016743 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
#4C8CA7 }
```

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

```
.border{ border-color:#4C8CA7 }
```

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

Here you see how a box with a 4 pixel #4C8CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8CA7; -webkit-box-shadow:4px 4px  
4px 4px #4C8CA7; box-shadow:4px 4px 4px  
4px #4C8CA7 }
```

Background

The CSS property to change the background color of an element to Decimal 5016743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8CA7 }
```

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

```
.background{ background-color:#4C8CA7 }
```

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