

Converting Colors

Decimal(5217451)

Have a look what the booklet for
Decimal(5217451) contains.

| | |
|--|----|
| Decimal(5217451) | 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(5217451)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4F9CAB |
| RGB | 79, 156, 171 |
| RGB Percent | 31%, 61%, 67% |
| CMY | 0.6902, 0.3882, 0.3294 |
| CMYK | 0.54, 0.09, 0.00, 0.33 |
| HSL | 190°, 37%, 49% |
| HSV | 190°, 54%, 67% |
| XYZ | 22.4636, 28.3795, 42.8219 |
| YIQ | 134.6870, -50.7070, -11.6590 |

Conversions

Conversions Part 2

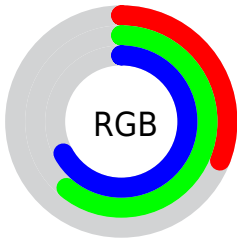
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 79, 121, 171 |
| Decimal | 5217451 |
| CIELab | 60.23, -19.44, -15.10 |
| CIElCh | 60, 24.617, 217.838 |
| Yxy | 28.3795, 0.2398, 0.3030 |
| Android (android.graphics.Color) | 4283407531 (0xFF4F9CAB) |
| YUV | 134.6870, 17.9023, -48.8375 |
| Hunter-Lab | 53.2724, -17.9578, -10.3684 |

Details

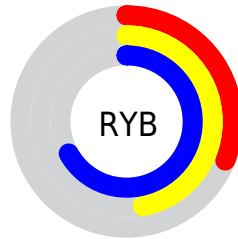
The Decimal color **5217451** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11230799**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **8901602**, and **551287** is the 20% darker color. If you saturate the color by 10%, you get **4102571**, and if you desaturate by 10%, it is **6332331**.

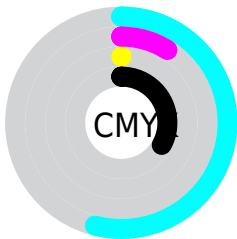
Distribution



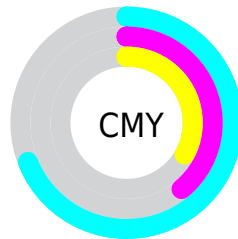
- Red (31%)
- Green (61%)
- Blue (67%)



- Red (31%)
- Yellow (47%)
- Blue (67%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5217451 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 5217451 by changing the saturation by 10% instead.

■ 5217451

■ 5217451

16777215

■ 3244688

■ 8901602

■ 551287

■ 10743807

■ 20574

■ 12648447

■ 14662

■ 14548991

■ 9008

■ 16449535

■ 796

■ 0

■ 5217451

■ 5217451

■ 4102571

■ 6332331

■ 2987691

■ 7447211

■ 1873067

■ 8561835

■ 758187

■ 9676715

■ 36779

■ 10791595

■ 11972011

■ 13086891

■ 14201515

■ 15316395

Harmonies

Analogous

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



5610902



5217451



6330553

Triad

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



5217451



11699106



10195558

Complementary

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



5217451



11230799

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.



11504234



5217451



12353932

Square

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



5217451



10259123



12289144



8624238

Rectangle

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



5217451



7574716



12289144



10653542

Sweetspot

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



5217451



12245214



5221213



5991792



15790320



7368816

Same Dimension

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



5217451



5162718



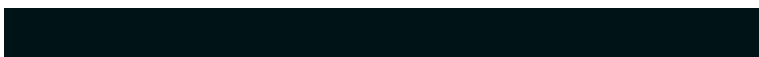
5205931



5133655



32406



4887

Inverse Universe

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



11227036



14569158



11242319



5721685



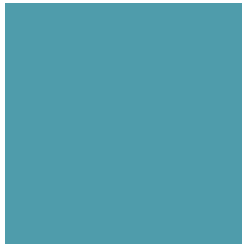
9830526



1507347

Previews

White Background



This preview shows how the Decimal color 5217451 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 5217451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

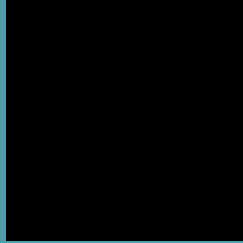
Any Text WCAG AA ✓ Pass

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 5217451 Background



This preview shows how black text looks on a background with the Decimal color 5217451.




This preview shows how white text looks on a background with the Decimal color 5217451.

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
5151913

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5217451 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 #4F9CAB looks like.

```
.text, #text, p{  
  color:#4F9CAB  
}
```

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 #4F9CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9CAB
}
```

Border

The CSS property to change the border of an element to Decimal 5217451 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
#4F9CAB }
```

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

```
.border{ border-color:#4F9CAB }
```

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

Here you see how a box with a 4 pixel #4F9CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9CAB; -webkit-box-shadow:4px 4px  
4px 4px #4F9CAB; box-shadow:4px 4px 4px  
4px #4F9CAB }
```

Background

The CSS property to change the background color of an element to Decimal 5217451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9CAB }
```

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

```
.background{ background-color:#4F9CAB }
```

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