

Converting Colors

Decimal(5139052)

Have a look what the booklet for
Decimal(5139052) contains.

Decimal(5139052)	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(5139052)

Conversions

Conversions Part 1

Format	Color
Hex	4E6A6C
RGB	78, 106, 108
RGB Percent	31%, 42%, 42%
CMY	0.6941, 0.5843, 0.5765
CMYK	0.28, 0.02, 0.00, 0.58
HSL	184°, 16%, 36%
HSV	184°, 28%, 42%
XYZ	11.0027, 13.0105, 16.1187
YIQ	97.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

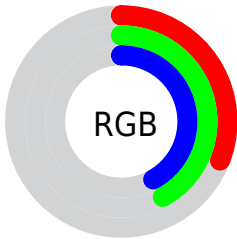
Format	Color
RYB	78, 92, 108
Decimal	5139052
CIELab	42.78, -9.68, -4.46
CIELCh	43, 10.653, 204.733
Yxy	13.0105, 0.2742, 0.3242
Android (android.graphics.Color)	4283329132 (0xFF4E6A6C)
YUV	97.8560, 5.0010, -17.4137
Hunter-Lab	36.0700, -8.6735, -1.2461

Details

The Decimal color **5139052** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7098446**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8428959**, and **2112317** is the 20% darker color. If you saturate the color by 10%, you get **4417900**, and if you desaturate by 10%, it is **5860204**.

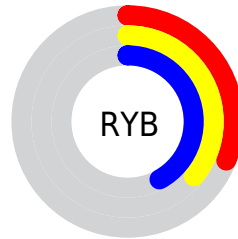
Distribution



Red (31%)

Green (42%)

Blue (42%)



Red (31%)

Yellow (36%)

Blue (42%)

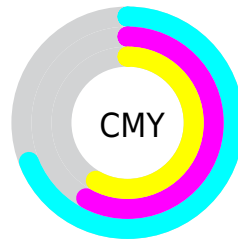


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5139052 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 5139052 by changing the saturation by 10% instead.

■ 5139052

■ 5139052

16777215

■ 3560020

■ 8428959

■ 2112317

■ 10139834

■ 599335

■ 11916502

■ 4370

■ 13758706

■ 0

■ 15597567

■ 5139052

■ 5139052

■ 4417900

■ 5860204

■ 3697004

■ 6581100

■ 3041388

■ 7236716

■ 2320236

■ 7957868

■ 1599084

■ 8679020

■ 878188

■ 9399916

■ 157036

■ 10121068

■ 25964

■ 10776684

■ 11497580

Harmonies

Analogous

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



5401187



5139052



5335411

Triad

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



5139052



7299439



7234644

Complementary

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



5139052



7098446

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.



7692631



5139052



7757671

Square

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



5139052



6644597



7888734



6580053

Rectangle

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



5139052



5662582



7888734



7365460

Sweetspot

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



5139052



8490124



5139536



4212551



13092807



4671303

Same Dimension

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



5139052



6195596



5135212



3159350



28021



58613

Inverse Universe

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



7097962



9199241



7102286



3551285



7667821



16056548

Previews

White Background



This preview shows how the Decimal color 5139052 looks on a white background.

Color Contrast Check

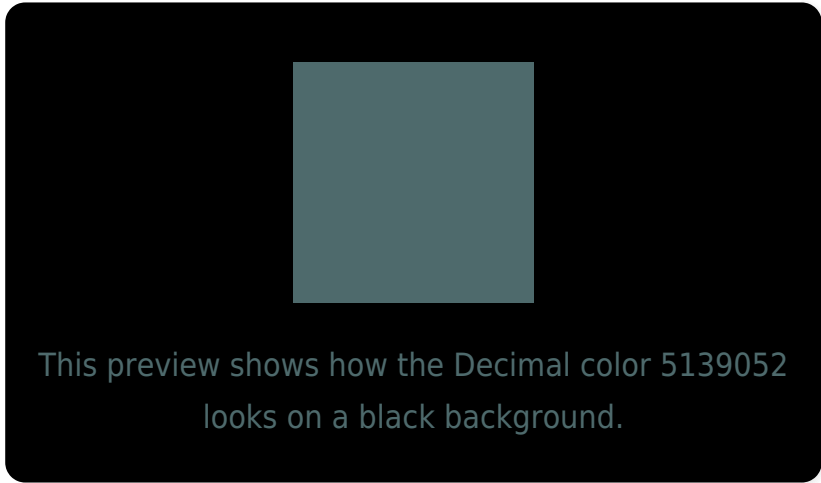
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

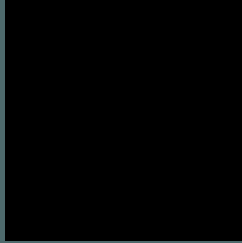
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5139052 Background



This preview shows how black text looks on a background with the Decimal color 5139052.



This preview shows how white text looks on a background with the Decimal color 5139052.

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
5139052

Protanopia
6644840

Deuteranopia
6972014



Tritanopia
5204338

Trichromacy



Original Color
5139052

Protanomaly
6121065

Deuteranomaly
6317421

Tritanomaly
5204336

Monochromacy



Original Color
5139052

Achromatopsia
6447714

Achromatomaly
5989734

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5139052 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 #4E6A6C looks like.

```
.text, #text, p{  
  color:#4E6A6C  
}
```

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 #4E6A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6A6C
}
```

Border

The CSS property to change the border of an element to Decimal 5139052 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
#4E6A6C }
```

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

```
.border{ border-color:#4E6A6C }
```

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

Here you see how a box with a 4 pixel #4E6A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6A6C; -webkit-box-shadow:4px 4px  
4px 4px #4E6A6C; box-shadow:4px 4px 4px  
4px #4E6A6C }
```

Background

The CSS property to change the background color of an element to Decimal 5139052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6A6C }
```

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

```
.background{ background-color:#4E6A6C }
```

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