

Converting Colors

Decimal(5402997)

Have a look what the booklet for
Decimal(5402997) contains.

Decimal(5402997)	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(5402997)

Conversions

Conversions Part 1

Format	Color
Hex	527175
RGB	82, 113, 117
RGB Percent	32%, 44%, 46%
CMY	0.6784, 0.5569, 0.5412
CMYK	0.30, 0.03, 0.00, 0.54
HSL	187°, 18%, 39%
HSV	187°, 30%, 46%
XYZ	12.5957, 14.8884, 19.0395
YIQ	104.1870, -19.7600, -5.3280

Conversions

Conversions Part 2

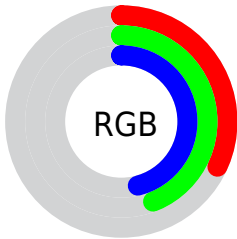
Format	Color
RYB	82, 98, 117
Decimal	5402997
CIELab	45.48, -10.09, -5.84
CIELCh	45, 11.655, 210.057
Yxy	14.8884, 0.2707, 0.3200
Android (android.graphics.Color)	4283593077 (0xFF527175)
YUV	104.1870, 6.3168, -19.4580
Hunter-Lab	38.5856, -9.2560, -2.2460

Details

The Decimal color **5402997** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7689810**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **8758697**, and **2310469** is the 20% darker color. If you saturate the color by 10%, you get **4616309**, and if you desaturate by 10%, it is **6189685**.

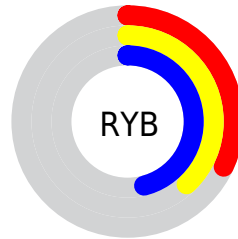
Distribution



Red (32%)

Green (44%)

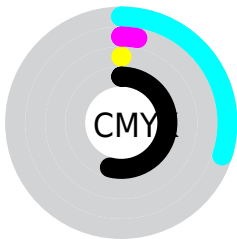
Blue (46%)



Red (32%)

Yellow (38%)

Blue (46%)

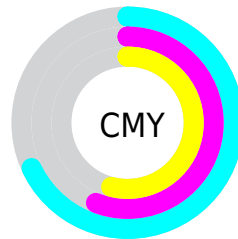


Cyan (30%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (68%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5402997 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 5402997 by changing the saturation by 10% instead.



5402997



5402997

16777215



3823708



8758697



2310469



10469572



731951



12246240



5914



14088445



0



15990783



5402997



5402997



4616309



6189685



3894901



6911093

■ 3108213

■ 7697781

■ 2321525

■ 8484469

■ 1600117

■ 9271413

■ 813429

■ 9992565

■ 26741

■ 10779253

■ 11566197

■ 12287349

Harmonies

Analogous

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



5599595



5402997



5664636

Triad

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



5402997



7890550



7564120

Complementary

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



5402997



7689810

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.



8153179



5402997



8349036

Square

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



5402997



7235964



8414818



6909531

Rectangle

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



5402997



6123135



8414818



7826009

Sweetspot

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



5402997



9148313



5403990



4475981



13421772



5066061

Same Dimension

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



5402997



6460313



5398645



3488315



27770



56826

Inverse Universe

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



7688817



10052243



7694162



3880250



7995500



16384221

Previews

White Background



This preview shows how the Decimal color 5402997 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 5402997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

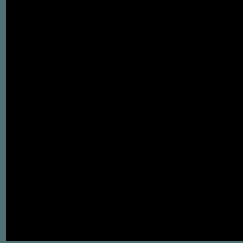
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

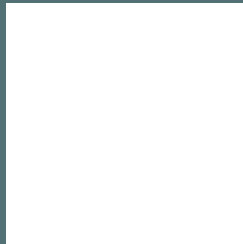
Any Text WCAG AAA × Fail

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

Decimal 5402997 Background



This preview shows how black text looks on a background with the Decimal color 5402997.



This preview shows how white text looks on a background with the Decimal color 5402997.

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
5402997

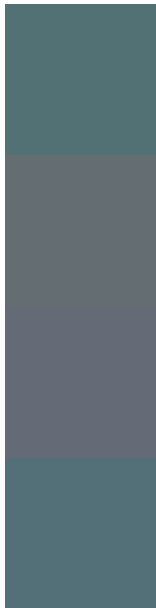
Protanopia
7105393

Deuteranopia
7366775



Tritanopia
5468281

Trichromacy



Original Color

5402997

Protanomaly

6516082

Deuteranomaly

6646646

Tritanomaly

5468280

Monochromacy



Original Color

5402997

Achromatopsia

6842472

Achromatomaly

6318957

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5402997 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 #527175 looks like.

```
.text, #text, p{  
  color:#527175  
}
```

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 #527175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527175
}
```

Border

The CSS property to change the border of an element to Decimal 5402997 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
#527175 }
```

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

```
.border{ border-color:#527175 }
```

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

Here you see how a box with a 4 pixel #527175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527175; -webkit-box-shadow:4px 4px  
4px 4px #527175; box-shadow:4px 4px 4px  
4px #527175 }
```

Background

The CSS property to change the background color of an element to Decimal 5402997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527175 }
```

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

```
.background{ background-color:#527175 }
```

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