

Converting Colors

Decimal(5871236)

Have a look what the booklet for
Decimal(5871236) contains.

Decimal(5871236)	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(5871236)

Conversions

Conversions Part 1

Format	Color
Hex	599684
RGB	89, 150, 132
RGB Percent	35%, 59%, 52%
CMY	0.6510, 0.4118, 0.4824
CMYK	0.41, 0.00, 0.12, 0.41
HSL	162°, 26%, 47%
HSV	162°, 41%, 59%
XYZ	19.1910, 25.6025, 25.7601
YIQ	129.7090, -30.5780, -18.5300

Conversions

Conversions Part 2

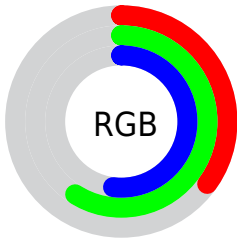
Format	Color
RYB	89, 125, 150
Decimal	5871236
CIELab	57.66, -24.16, 3.30
CIElCh	58, 24.385, 172.224
Yxy	25.6025, 0.2720, 0.3629
Android (android.graphics.Color)	4284061316 (0xFF599684)
YUV	129.7090, 1.1295, -35.7018
Hunter-Lab	50.5989, -20.8470, 5.2345

Details

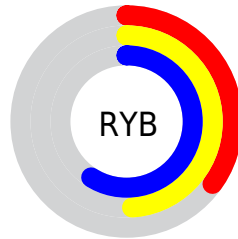
The Decimal color **5871236** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9853291**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **9358521**, and **2450259** is the 20% darker color. If you saturate the color by 10%, you get **4888192**, and if you desaturate by 10%, it is **6854280**.

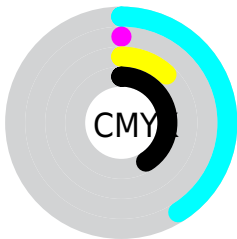
Distribution



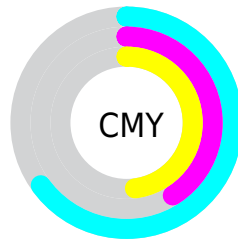
- Red (35%)
- Green (59%)
- Blue (52%)



- Red (35%)
- Yellow (49%)
- Blue (59%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5871236 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 5871236 by changing the saturation by 10% instead.

■ 5871236

■ 5871236

16777215

■ 4160619

■ 9358521

■ 2450259

■ 11135445

■ 346940

■ 12976113

■ 13350

■ 14876671

■ 8209

■ 0

■ 5871236

■ 5871236

■ 4888192

■ 6854280

■ 3905147

■ 7837325

■ 2922103

■ 8820369

■ 1939058

■ 9803414

■ 956014

■ 10786458

■ 38506

■ 11769503

■ 12752547

■ 13735591

■ 14718636

Harmonies

Analogous

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



7443312



5871236



4822682

Triad

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



5871236



8816562



11501674

Complementary

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



5871236



9853291

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.



11893627



5871236



10518693

Square

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



5871236



6786740



11631505



10454880

Rectangle

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



5871236



4887974



11631505



11697775

Sweetspot

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



5871236



11256507



7050841



5464413



14737632



6381921

Same Dimension

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



5871236



6537894



5868182



4409928



35425



2567

Inverse Universe

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



9853291



12739455



9856345



4866885



9044009



655363

Previews

White Background



This preview shows how the Decimal color 5871236 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 5871236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

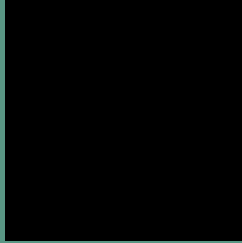
Any Text WCAG AA ✓ Pass

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 5871236 Background



This preview shows how black text looks on a background with the Decimal color 5871236.

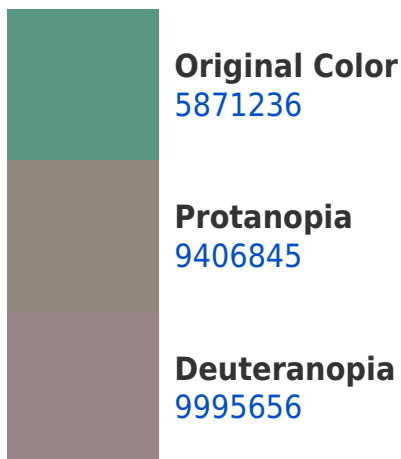



This preview shows how white text looks on a background with the Decimal color 5871236.

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
6328990

Trichromacy



Original Color
5871236

Protanomaly
8097408

Deuteranomaly
8489863

Tritanomaly
6132629

Monochromacy



Original Color
5871236

Achromatopsia
8553090

Achromatomaly
7571843

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5871236 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 #599684 looks like.

```
.text, #text, p{  
    color:#599684  
}
```

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 #599684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599684
}
```

Border

The CSS property to change the border of an element to Decimal 5871236 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
#599684 }
```

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

```
.border{ border-color:#599684 }
```

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

Here you see how a box with a 4 pixel #599684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599684; -webkit-box-shadow:4px 4px  
4px 4px #599684; box-shadow:4px 4px 4px  
4px #599684 }
```

Background

The CSS property to change the background color of an element to Decimal 5871236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599684 }
```

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

```
.background{ background-color:#599684 }
```

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