

Converting Colors

Decimal(5872989)

Have a look what the booklet for
Decimal(5872989) contains.

Decimal(5872989)	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(5872989)

Conversions

Conversions Part 1

Format	Color
Hex	599D5D
RGB	89, 157, 93
RGB Percent	35%, 62%, 36%
CMY	0.6510, 0.3843, 0.6353
CMYK	0.43, 0.00, 0.41, 0.38
HSL	124°, 28%, 48%
HSV	124°, 43%, 62%
XYZ	18.1526, 27.0281, 14.6161
YIQ	129.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

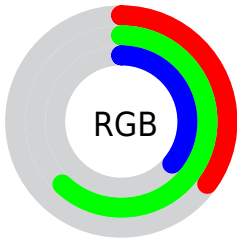
Format	Color
RYB	89, 153, 157
Decimal	5872989
CIELab	59.00, -35.34, 26.91
CIElCh	59, 44.414, 142.713
Yxy	27.0281, 0.3036, 0.4520
Android (android.graphics.Color)	4284063069 (0xFF599D5D)
YUV	129.3720, -17.9314, -35.4062
Hunter-Lab	51.9886, -28.6540, 19.7231

Details

The Decimal color **5872989** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10312089**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **9360528**, and **2320686** is the 20% darker color. If you saturate the color by 10%, you get **4824398**, and if you desaturate by 10%, it is **6921580**.

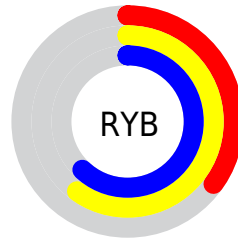
Distribution



Red (35%)

Green (62%)

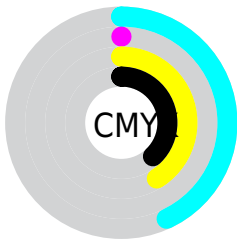
Blue (36%)



Red (35%)

Yellow (60%)

Blue (62%)

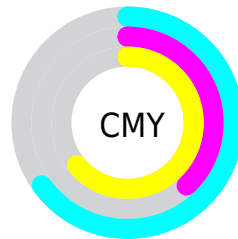


Cyan (43%)

Magenta (0%)

Yellow (41%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5872989 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 5872989 by changing the saturation by 10% instead.

■ 5872989

■ 5872989

16777215

■ 4162373

■ 9360528

■ 2320686

■ 11202987

■ 20503

■ 13041606

■ 14592

■ 14942178

■ 9216

■ 0

■ 5872989


■ 5872989

■ 4824398

■ 6921580

■ 3841343

■ 7904635

 2792753

 8953225

 1744162

 10001816

 695571

 11050407

 40201

 12033462

 13082052

 14130643

 15113698

Harmonies

Analogous

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



8951107



5872989



41347

Triad

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



5872989



2594267



14118770

Complementary

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



5872989



10312089

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.



13725337



5872989



8554454

Square

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



5872989



40651



11892926



13204049

Rectangle

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



5872989



41630



11892926



14118271

Sweetspot

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



5872989



11652275



10132825



5662295



15132390



6710886

Same Dimension

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



5872989



6474856



5873022



4673352



36616



3841

Inverse Universe

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



10312089



13394630



10312056



5195599



9371782



983054

Previews

White Background



This preview shows how the Decimal color 5872989 looks on a white background.

Color Contrast Check

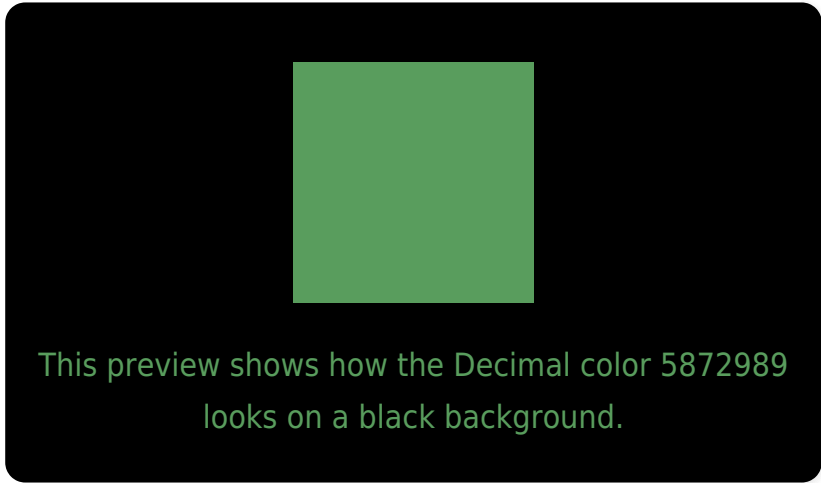
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 5872989 Background



This preview shows how black text looks on a background with the Decimal color 5872989.



This preview shows how white text looks on a background with the Decimal color 5872989.

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



Trichromacy



Original Color
5872989

Protanomaly
8557401

Deuteranomaly
9146208

Tritanomaly
6461576

Monochromacy



Original Color
5872989

Achromatopsia
8487297

Achromatomaly
7506804

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5872989 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 #599D5D looks like.

```
.text, #text, p{  
    color:#599D5D  
}
```

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 #599D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599D5D
}
```

Border

The CSS property to change the border of an element to Decimal 5872989 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
#599D5D }
```

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

```
.border{ border-color:#599D5D }
```

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

Here you see how a box with a 4 pixel #599D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599D5D; -webkit-box-shadow:4px 4px  
4px 4px #599D5D; box-shadow:4px 4px 4px  
4px #599D5D }
```

Background

The CSS property to change the background color of an element to Decimal 5872989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599D5D }
```

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

```
.background{ background-color:#599D5D }
```

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