

Converting Colors

Decimal(5886271)

Have a look what the booklet for
Decimal(5886271) contains.

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Color

Decimal(5886271)

Conversions

Conversions Part 1

Format	Color
Hex	59D13F
RGB	89, 209, 63
RGB Percent	35%, 82%, 25%
CMY	0.6510, 0.1804, 0.7529
CMYK	0.57, 0.00, 0.70, 0.18
HSL	109°, 61%, 53%
HSV	109°, 70%, 82%
XYZ	27.8175, 48.0837, 12.5176
YIQ	156.4760, -24.6540, -70.8460

Conversions

Conversions Part 2

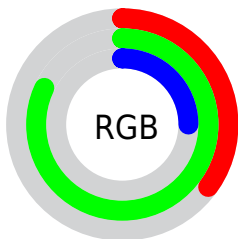
Format	Color
RYB	63, 209, 183
Decimal	5886271
CIELab	74.88, -59.75, 59.44
CIELCh	75, 84.275, 135.148
Yxy	48.0837, 0.3146, 0.5438
Android (android.graphics.Color)	4284076351 (0xFF59D13F)
YUV	156.4760, -46.0837, -59.1765
Hunter-Lab	69.3424, -49.7418, 37.8367

Details

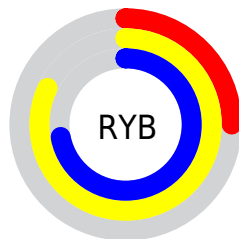
The Decimal color **5886271** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **12009425**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **9895798**, and **39168** is the 20% darker color. If you saturate the color by 10%, you get **4772138**, and if you desaturate by 10%, it is **7000404**.

Distribution



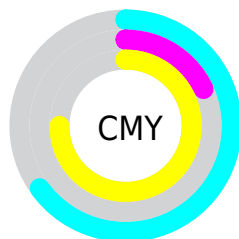
- Red (35%)
- Green (82%)
- Blue (25%)



- Red (25%)
- Yellow (82%)
- Blue (72%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5886271 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 5886271 by changing the saturation by 10% instead.



5886271



5886271

16777215



3650848



9895798



39168



11861906



32256



13828014



25600



15794122



19200



16777191



13312



6656



0



5886271



5886271

■ 4772138

■ 7000404

■ 3658005

■ 8114537

■ 2478336

■ 9294206

■ 10408339

■ 11522472

■ 12636604

■ 13750737

■ 14864870

■ 16044539

Harmonies

Analogous

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



12108032



5886271



55694

Triad

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



5886271



52479



16738196

Complementary

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



5886271



12009425

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.



16739810



5886271



5616895

Square

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



5886271



55551



15569407



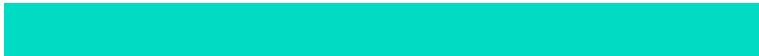
16745548

Rectangle

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



5886271



56516



15569407



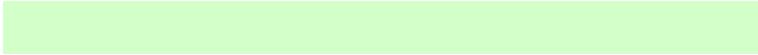
16737454

Sweetspot

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



5886271



13893577



13743679



6652000



0



8421504

Same Dimension

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



5886271



5242665



4182381



6318430



2009088



469248

Inverse Universe

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



12009425



14232063



13713315



6774377



9044136



2228265

Previews

White Background



This preview shows how the Decimal color 5886271 looks on a white background.

Color Contrast Check

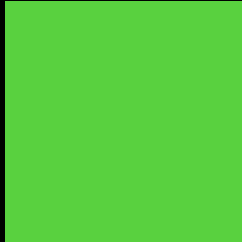
Large Text (above 18pt) WCAG AA × Fail

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 5886271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

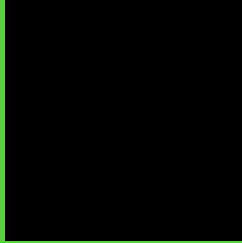
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 5886271 Background



This preview shows how black text looks on a background with the Decimal color 5886271.

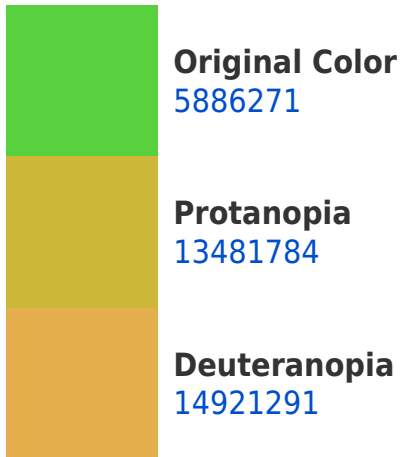


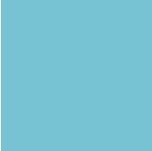
This preview shows how white text looks on a background with the Decimal color 5886271.

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
7914451

Trichromacy



Original Color

5886271



Protanomaly

10731579



Deuteranomaly

11647815



Tritanomaly

7194781

Monochromacy



Original Color

5886271



Achromatopsia

10263708



Achromatomaly

8695674

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5886271 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 #59D13F looks like.

```
.text, #text, p{  
    color:#59D13F  
}
```

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 #59D13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D13F
}
```

Border

The CSS property to change the border of an element to Decimal 5886271 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
#59D13F }
```

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

```
.border{ border-color:#59D13F }
```

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

Here you see how a box with a 4 pixel #59D13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D13F; -webkit-box-shadow:4px 4px  
4px 4px #59D13F; box-shadow:4px 4px 4px  
4px #59D13F }
```

Background

The CSS property to change the background color of an element to Decimal 5886271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D13F }
```

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

```
.background{ background-color:#59D13F }
```

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](#).

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