

# Converting Colors

Decimal(6014869)

Have a look what the booklet for  
Decimal(6014869) contains.

<b>Decimal(6014869)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6014869)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BC795
RGB	91, 199, 149
RGB Percent	36%, 78%, 58%
CMY	0.6431, 0.2196, 0.4157
CMYK	0.54, 0.00, 0.25, 0.22
HSL	152°, 49%, 57%
HSV	152°, 54%, 78%
XYZ	30.1626, 45.2409, 35.5764
YIQ	161.0080, -48.3180, -38.4460

# Conversions

## Conversions Part 2

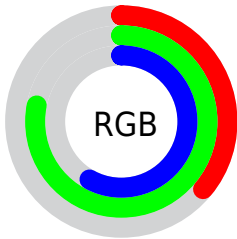
Format	Color
<a href="#">RYB</a>	<a href="#">91, 161, 199</a>
Decimal	<a href="#">6014869</a>
CIELab	<a href="#">73.05, -42.79, 15.78</a>
CIElCh	<a href="#">73, 45.609, 159.754</a>
Yxy	<a href="#">45.2409, 0.2718, 0.4076</a>
Android (android.graphics.Color)	<a href="#">4284204949 (0xFF5BC795)</a>
YUV	<a href="#">161.0080, -5.9199, -61.3970</a>
Hunter-Lab	<a href="#">67.2614, -37.6610, 15.7228</a>

# Details

The Decimal color **6014869** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **13065101**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **9764811**, and **1544290** is the 20% darker color. If you saturate the color by 10%, you get **4704140**, and if you desaturate by 10%, it is **7325598**.

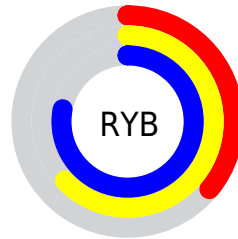
# Distribution



Red (36%)

Green (78%)

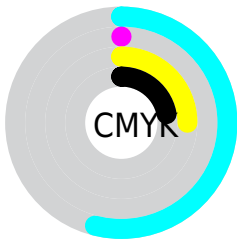
Blue (58%)



Red (36%)

Yellow (63%)

Blue (78%)

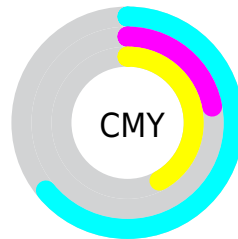


Cyan (54%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (64%)

Magenta (22%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6014869 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 6014869 by changing the saturation by 10% instead.



6014869

6014869

16777215

4041595

9764811

1544290

11665383

30282

13565951

23859

15532031

17438

11526

4864

0

6014869

6014869

■ 4704140

■ 7325598

■ 3393411

■ 8636327

■ 2082681

■ 9947057

■ 771952

■ 11257786

■ 51051

■ 12568515

■ 13813708

■ 15124437

■ 16435167

■ 16762856

# Harmonies

## Analogous

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



9683057



6014869



51648

# Triad

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



6014869



9090047



16619904

# Complementary

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



6014869



13065101

# 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.



16749223



6014869



13214708

# Square

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



6014869



2539775



15898321



15050597

# Rectangle

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



6014869



51419



15898321



16749964

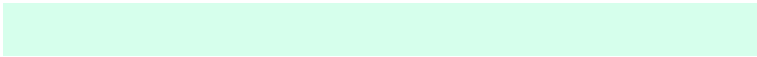


# Sweetspot

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



6014869



14090220



9291611



6783092



0



8421504



# Same Dimension

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



6014869



5898162



6013895



5923679



41816



9235



# Inverse Universe

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



13065101



16734630



13066075



6511198



10682444

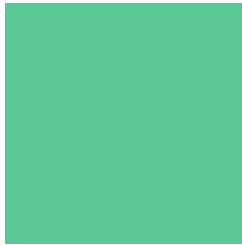


2359313



# Previews

## White Background



This preview shows how the Decimal color 6014869 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 6014869 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

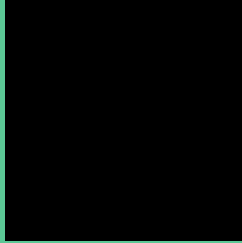
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6014869 Background



This preview shows how black text looks on a background with the Decimal color 6014869.

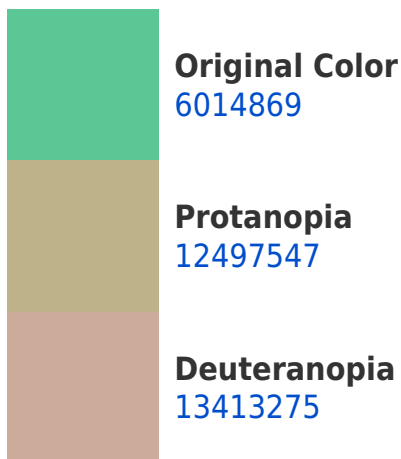


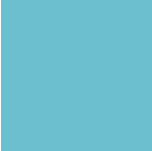
This preview shows how white text looks on a background with the Decimal color 6014869.

# 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**  
7126991

# Trichromacy



**Original Color**  
6014869



**Protanomaly**  
10140303



**Deuteranomaly**  
10728857



**Tritanomaly**  
6734522

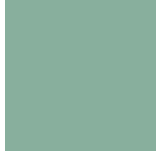
# Monochromacy



**Original Color**  
6014869



**Achromatopsia**  
10592673



**Achromatomaly**  
8957853

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6014869 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 #5BC795 looks like.

```
.text, #text, p{  
    color:#5BC795  
}
```

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 #5BC795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC795
}
```

## Border

The CSS property to change the border of an element to Decimal 6014869 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
#5BC795 }
```

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

```
.border{ border-color:#5BC795 }
```

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

Here you see how a box with a 4 pixel #5BC795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC795; -webkit-box-shadow:4px 4px  
4px 4px #5BC795; box-shadow:4px 4px 4px  
4px #5BC795 }
```

# Background

The CSS property to change the background color of an element to Decimal 6014869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC795 }
```

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

```
.background{ background-color:#5BC795 }
```

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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