

# Converting Colors

Decimal(7129177)

Have a look what the booklet for  
Decimal(7129177) contains.

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**Color**

**Decimal(7129177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CC859
RGB	108, 200, 89
RGB Percent	42%, 78%, 35%
CMY	0.5765, 0.2157, 0.6510
CMYK	0.46, 0.00, 0.56, 0.22
HSL	110°, 50%, 57%
HSV	110°, 56%, 78%
XYZ	28.6418, 45.2180, 16.6696
YIQ	159.8380, -19.2010, -54.0250

# Conversions

## Conversions Part 2

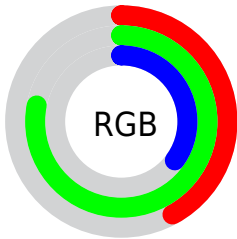
Format	Color
<a href="#">RYB</a>	<a href="#">89, 200, 181</a>
Decimal	<a href="#">7129177</a>
CIELab	<a href="#">73.04, -48.56, 46.52</a>
CIELCh	<a href="#">73, 67.243, 136.229</a>
Yxy	<a href="#">45.2180, 0.3164, 0.4995</a>
Android (android.graphics.Color)	<a href="#">4285319257 (0xFF6CC859)</a>
YUV	<a href="#">159.8380, -34.9231, -45.4619</a>
Hunter-Lab	<a href="#">67.2443, -41.6479, 32.3733</a>

# Details

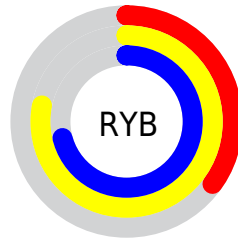
The Decimal color **7129177** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **11885000**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **10878862**, and **3248421** is the 20% darker color. If you saturate the color by 10%, you get **6015045**, and if you desaturate by 10%, it is **8243309**.

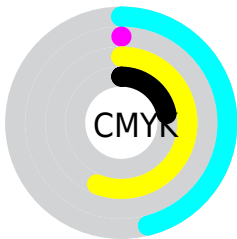
# Distribution



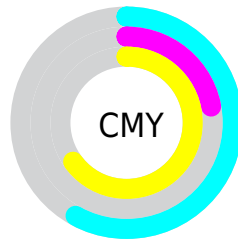
- Red (42%)
- Green (78%)
- Blue (35%)



- Red (35%)
- Yellow (78%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7129177 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 7129177 by changing the saturation by 10% instead.





7129177



7129177

16777215



5221439



10878862



3248421



12779433



227076



14680005



23808



16646114



17664



11776



4864



0



7129177



7129177

 6015045

 8243309

 4966449

 9291905

 3852317

 10406037

 2803721

 11454633

 2279424

 12568765

 13617361

 14731493

 15845625

 16763135

# Harmonies

## Analogous

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



11844400



7129177



53140

# Triad

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



7129177



49919



16743316

# Complementary

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



7129177



11885000

# 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.



16744146



7129177



8302591

# Square

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



7129177



52735



14783743



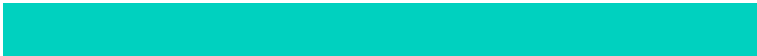
16747868

# Rectangle

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



7129177



53695



14783743



16742825

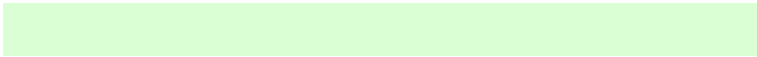


# Sweetspot

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



7129177



14417876



13153369



6979686



0



8421504



# Same Dimension

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



7129177



7470932



5884028



5989210



1876736



402432



# Inverse Universe

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



11885000



14832895



13130149



6445667



8847523



1966116



# Previews

## White Background



This preview shows how the Decimal color 7129177 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 7129177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

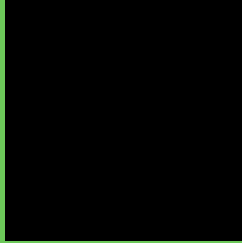
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7129177 Background



This preview shows how black text looks on a background with the Decimal color 7129177.

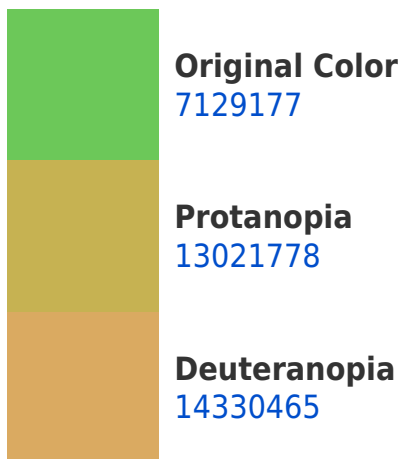


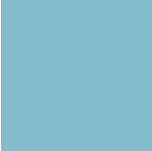
This preview shows how white text looks on a background with the Decimal color 7129177.

# 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





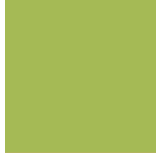
**Tritanopia**  
8568011

# Trichromacy



**Original Color**

7129177



**Protanomaly**

10861141



**Deuteranomaly**

11711838



**Tritanomaly**

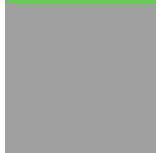
8044706

# Monochromacy



**Original Color**

7129177



**Achromatopsia**

10526880



**Achromatomaly**

9285510

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7129177 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 #6CC859 looks like.

```
.text, #text, p{  
    color:#6CC859  
}
```

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 #6CC859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC859
}
```

## Border

The CSS property to change the border of an element to Decimal 7129177 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
#6CC859 }
```

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

```
.border{ border-color:#6CC859 }
```

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

Here you see how a box with a 4 pixel #6CC859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC859; -webkit-box-shadow:4px 4px  
4px 4px #6CC859; box-shadow:4px 4px 4px  
4px #6CC859 }
```

# Background

The CSS property to change the background color of an element to Decimal 7129177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC859 }
```

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

```
.background{ background-color:#6CC859 }
```

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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