

Converting Colors

Decimal(7189870)

Have a look what the booklet for
Decimal(7189870) contains.

Decimal(7189870)	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(7189870)

Conversions

Conversions Part 1

Format	Color
Hex	6DB56E
RGB	109, 181, 110
RGB Percent	43%, 71%, 43%
CMY	0.5725, 0.2902, 0.5686
CMYK	0.40, 0.00, 0.39, 0.29
HSL	121°, 33%, 57%
HSV	121°, 40%, 71%
XYZ	25.6450, 37.4247, 20.6239
YIQ	151.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

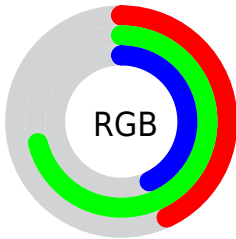
Format	Color
RYB	109, 180, 181
Decimal	7189870
CIELab	67.59, -37.23, 29.27
CIELCh	68, 47.358, 141.827
Yxy	37.4247, 0.3064, 0.4472
Android (android.graphics.Color)	4285379950 (0xFF6DB56E)
YUV	151.3780, -20.3994, -37.1655
Hunter-Lab	61.1758, -32.2300, 22.8349

Details

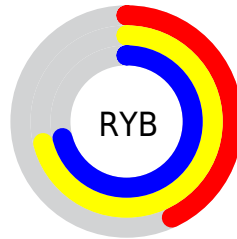
The Decimal color **7189870** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11890100**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **10743202**, and **3702845** is the 20% darker color. If you saturate the color by 10%, you get **6010204**, and if you desaturate by 10%, it is **8369536**.

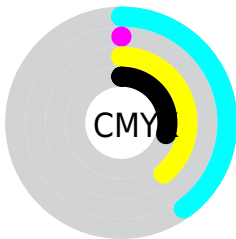
Distribution



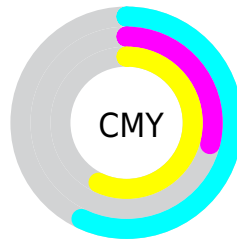
- Red (43%)
- Green (71%)
- Blue (43%)



- Red (43%)
- Yellow (71%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7189870 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 7189870 by changing the saturation by 10% instead.



7189870



7189870

16777215



5413461



10743202



3702845



12648382



1730086



14483418



19726



16383990



13824



8704



0



7189870



7189870



6010204



8369536

 4830538

 9549202


 3650872

 10728868

 2471207

 11908533

 1291541

 13153735

 46339

 14333401

 15513067

 16692733

 16758271

Harmonies

Analogous

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



10464338



7189870



1424023

Triad

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



7189870



3780089



16089991

Complementary

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



7189870



11890100

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.



15631026



7189870



9871092

Square

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



7189870



46823



13536986



15175523

Rectangle

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



7189870



48053



13536986



16089493

Sweetspot

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



7189870



13560783



11908461



6649189



16119285



7697781

Same Dimension

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



7189870



8055676



7189905



5265744



39170



6656

Inverse Universe

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



11890100



15432425



11890065



5853273



10027159



1703961

Previews

White Background



This preview shows how the Decimal color 7189870 looks on a white background.

Color Contrast Check

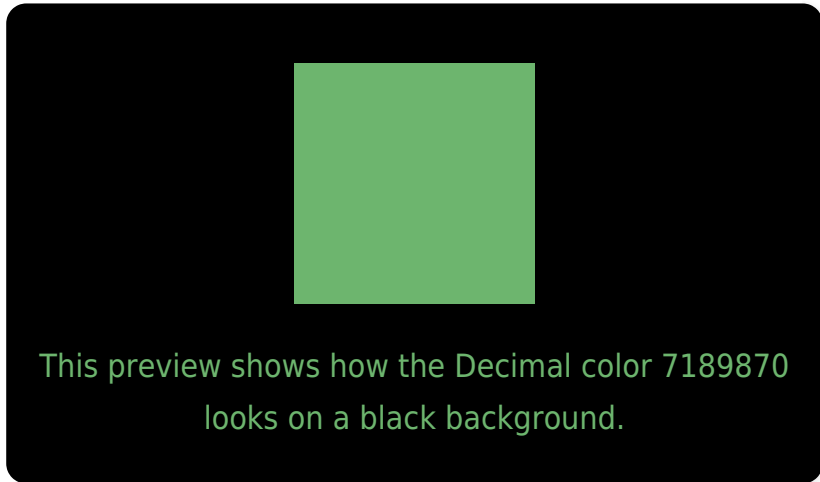
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

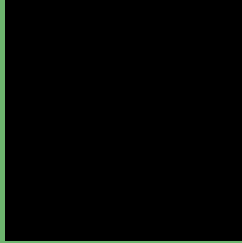
Any Text WCAG AA ✓ Pass

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 7189870 Background



This preview shows how black text looks on a background with the Decimal color 7189870.



This preview shows how white text looks on a background with the Decimal color 7189870.

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
8170682

Trichromacy



Original Color

7189870



Protanomaly

10070634



Deuteranomaly

10790514



Tritanomaly

7843742

Monochromacy



Original Color

7189870



Achromatopsia

9934743



Achromatomaly

8954504

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7189870 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 #6DB56E looks like.

```
.text, #text, p{  
    color:#6DB56E  
}
```

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 #6DB56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB56E
}
```

Border

The CSS property to change the border of an element to Decimal 7189870 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
#6DB56E }
```

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

```
.border{ border-color:#6DB56E }
```

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

Here you see how a box with a 4 pixel #6DB56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB56E; -webkit-box-shadow:4px 4px  
4px 4px #6DB56E; box-shadow:4px 4px 4px  
4px #6DB56E }
```

Background

The CSS property to change the background color of an element to Decimal 7189870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB56E }
```

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

```
.background{ background-color:#6DB56E }
```

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