

# Converting Colors

Decimal(6327870)

Have a look what the booklet for  
Decimal(6327870) contains.

<b>Decimal(6327870)</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(6327870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	608E3E
RGB	96, 142, 62
RGB Percent	38%, 56%, 24%
CMY	0.6235, 0.4431, 0.7569
CMYK	0.32, 0.00, 0.56, 0.44
HSL	94°, 39%, 40%
HSV	94°, 56%, 56%
XYZ	15.3664, 22.1806, 8.0288
YIQ	119.1260, -1.7360, -34.6320

# Conversions

## Conversions Part 2

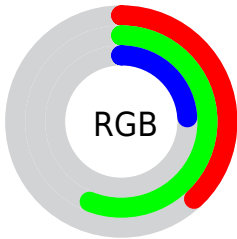
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 142, 108
Decimal	6327870
CIELab	54.22, -30.28, 37.20
CIELCh	54, 47.965, 129.147
Yxy	22.1806, 0.3372, 0.4867
Android (android.graphics.Color)	4284517950 (0xFF608E3E)
YUV	119.1260, -28.1631, -20.2815
Hunter-Lab	47.0963, -24.1783, 22.8598

# Details

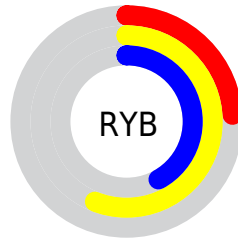
The Decimal color **6327870** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7093902**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9815152**, and **2972427** is the 20% darker color. If you saturate the color by 10%, you get **5803568**, and if you desaturate by 10%, it is **6852172**.

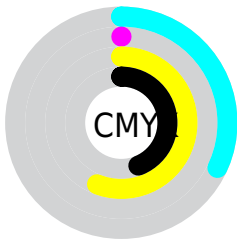
# Distribution



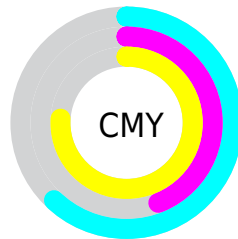
- Red (38%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (56%)
- Black (44%)



- Cyan (62%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6327870 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 6327870 by changing the saturation by 10% instead.



 6327870

 6327870

16777215

 4617254

 9815152

 2972427

 11591818

 1262336

 13499813

 11520

 15335360

 5888

 16777181

 0

 16777209

 6327870

 6327870

 5803568

 6852172

■ 5279266

■ 7376474

■ 4754963

■ 7900777

■ 4165125

■ 8490615

■ 3968512

■ 9014917

■ 9539219

■ 10063521

■ 10587824

■ 11112126

# Harmonies

## Analogous

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



9274410



6327870



1086563

# Triad

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



6327870



36559



13524343

# Complementary

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



6327870



7093902

# 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.



12477088



6327870



4948691

# Square

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



6327870



38069



9793986



13133135

# Rectangle

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



6327870



38527



9793986



13327749



# Sweetspot

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



6327870



10926232



9333566



5332041



14408667



6052956



# Same Dimension

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



6327870



7387195



4099651



4409152



3770112



198656



# Inverse Universe

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



7093902



8600504



9322121



4472903



5111943



262152



# Previews

## White Background



This preview shows how the Decimal color 6327870 looks on a white background.

## Color Contrast Check

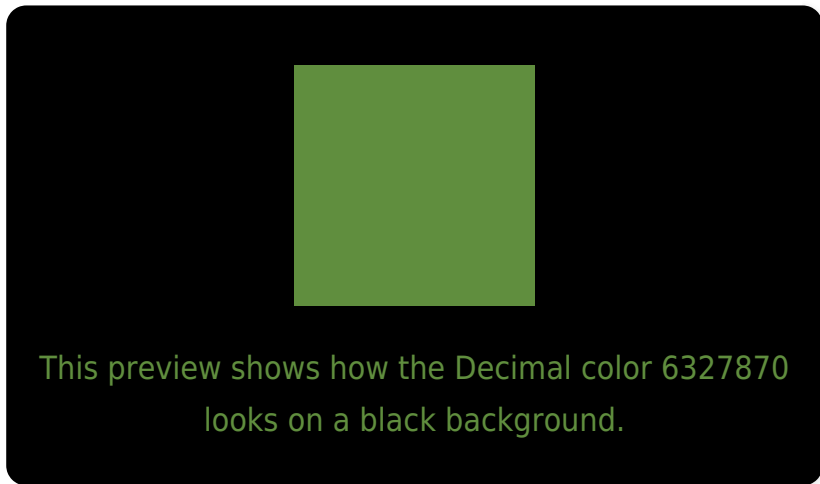
Large Text (above 18pt) WCAG AA ✓ Pass

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

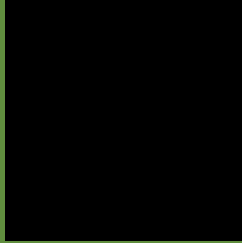
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6327870 Background



This preview shows how black text looks on a background with the Decimal color 6327870.




This preview shows how white text looks on a background with the Decimal color 6327870.

# 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](#).

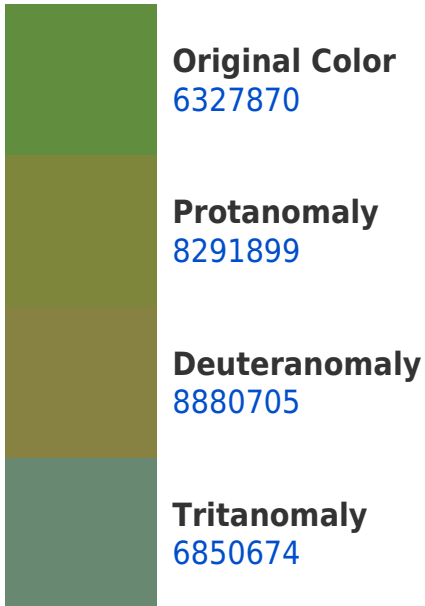
## Dichromacy



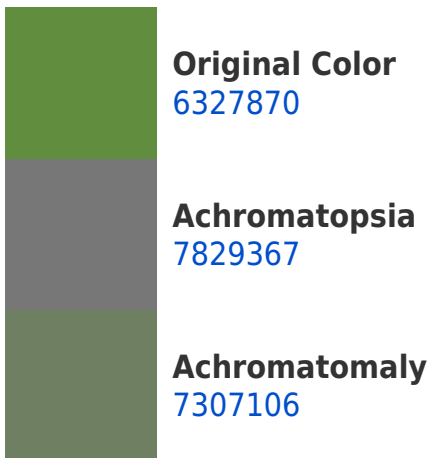


**Tritanopia**  
7112080

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6327870 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 #608E3E looks like.

```
.text, #text, p{  
  color:#608E3E  
}
```

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 #608E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #608E3E
}
```

## Border

The CSS property to change the border of an element to Decimal 6327870 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
#608E3E }
```

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

```
.border{ border-color:#608E3E }
```

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

Here you see how a box with a 4 pixel #608E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #608E3E; -webkit-box-shadow:4px 4px  
4px 4px #608E3E; box-shadow:4px 4px 4px  
4px #608E3E }
```

# Background

The CSS property to change the background color of an element to Decimal 6327870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#608E3E }
```

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

```
.background{ background-color:#608E3E }
```

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