

# Converting Colors

Decimal(6200666)

Have a look what the booklet for  
Decimal(6200666) contains.

<b>Decimal(6200666)</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(6200666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E9D5A
RGB	94, 157, 90
RGB Percent	37%, 62%, 35%
CMY	0.6314, 0.3843, 0.6471
CMYK	0.40, 0.00, 0.43, 0.38
HSL	116°, 27%, 48%
HSV	116°, 43%, 62%
XYZ	18.5185, 27.2318, 13.9531
YIQ	130.5250, -16.0410, -34.1930

# Conversions

## Conversions Part 2

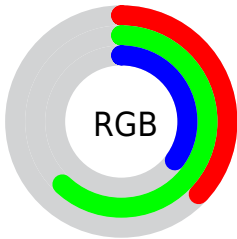
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 157, 153
Decimal	6200666
CIELab	59.19, -34.22, 28.80
CIELCh	59, 44.731, 139.917
Yxy	27.2318, 0.3102, 0.4561
Android (android.graphics.Color)	4284390746 (0xFF5E9D5A)
YUV	130.5250, -19.9788, -32.0324
Hunter-Lab	52.1841, -27.9781, 20.6758

# Details

The Decimal color **6200666** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10050205**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **9688205**, and **2779434** is the 20% darker color. If you saturate the color by 10%, you get **5217610**, and if you desaturate by 10%, it is **7183722**.

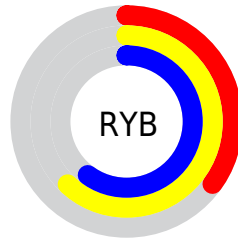
# Distribution



Red (37%)

Green (62%)

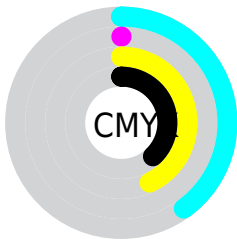
Blue (35%)



Red (35%)

Yellow (62%)

Blue (60%)

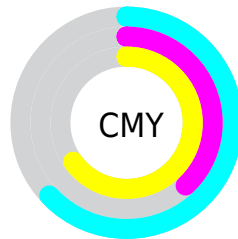


Cyan (40%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6200666 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 6200666 by changing the saturation by 10% instead.



■ 6200666

■ 6200666

16777215

■ 4490050

■ 9688205

■ 2779434

■ 11530664

■ 675859

■ 13369283

■ 14592

■ 15269855

■ 9216

■ 16777212

■ 0

■ 6200666

■ 6200666

■ 5217610

■ 7183722

■ 4234555

■ 8166777

■ 3317035

■ 9084297

■ 2333979

■ 10067353

■ 1350923

■ 11050409

■ 630016

■ 12033464

■ 12950984

■ 13934040

■ 14917095

# Harmonies

## Analogous

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



9212993



6200666



41599

# Triad

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



6200666



1087451



14184310

# Complementary

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



6200666



10050205

# 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.



13725597



6200666



8161752

# Square

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



6200666



40906



11696833



13400404

# Rectangle

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



6200666



41627



11696833



14183811



# Sweetspot

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



6200666



11783345



10328410



5727830



15132390



6710886



# Same Dimension

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



6200666



6999140



5938551



4738887



626432



69376



# Inverse Universe

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



10050205



13001932



10312320



5195599



8781967



917519



# Previews

## White Background



This preview shows how the Decimal color 6200666 looks on a white background.

## Color Contrast Check

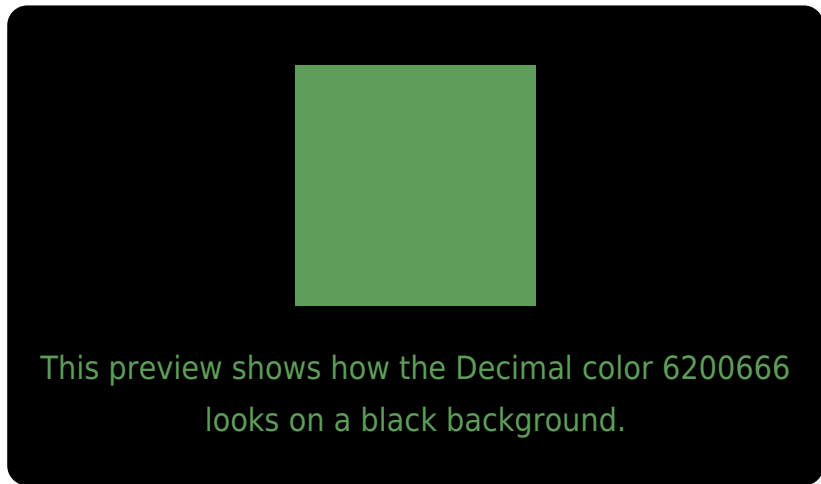
Large Text (above 18pt) WCAG AA ✓ Pass

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

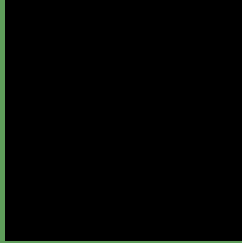
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6200666 Background



This preview shows how black text looks on a background with the Decimal color 6200666.



This preview shows how white text looks on a background with the Decimal color 6200666.

# 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



**Original Color**  
6200666

**Protanopia**  
10194516

**Deuteranopia**  
11176031



**Tritanopia**  
7116193

# Trichromacy



**Original Color**  
6200666



**Protanomaly**  
8754006



**Deuteranomaly**  
9343069



**Tritanomaly**  
6789255

# Monochromacy



**Original Color**  
6200666



**Achromatopsia**  
8618883



**Achromatomaly**  
7769204

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6200666 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 #5E9D5A looks like.

```
.text, #text, p{  
    color:#5E9D5A  
}
```

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 #5E9D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9D5A
}
```

## Border

The CSS property to change the border of an element to Decimal 6200666 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
#5E9D5A }
```

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

```
.border{ border-color:#5E9D5A }
```

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

Here you see how a box with a 4 pixel #5E9D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9D5A; -webkit-box-shadow:4px 4px  
4px 4px #5E9D5A; box-shadow:4px 4px 4px  
4px #5E9D5A }
```

# Background

The CSS property to change the background color of an element to Decimal 6200666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9D5A }
```

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

```
.background{ background-color:#5E9D5A }
```

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