

# Converting Colors

Decimal(6530666)

Have a look what the booklet for  
Decimal(6530666) contains.

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# **Color**

**Decimal(6530666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A66A
RGB	99, 166, 106
RGB Percent	39%, 65%, 42%
CMY	0.6118, 0.3490, 0.5843
CMYK	0.40, 0.00, 0.36, 0.35
HSL	126°, 27%, 52%
HSV	126°, 40%, 65%
XYZ	21.3833, 30.9657, 18.4856
YIQ	139.1270, -20.6720, -32.8640

# Conversions

## Conversions Part 2

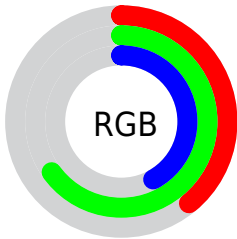
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 160, 166
Decimal	6530666
CIELab	62.48, -34.17, 24.56
CIElCh	62, 42.083, 144.289
Yxy	30.9657, 0.3019, 0.4372
Android (android.graphics.Color)	4284720746 (0xFF63A66A)
YUV	139.1270, -16.3316, -35.1914
Hunter-Lab	55.6468, -28.7900, 19.2569

# Details

The Decimal color **6530666** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10904479**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **10083998**, and **3043642** is the 20% darker color. If you saturate the color by 10%, you get **5416539**, and if you desaturate by 10%, it is **7644793**.

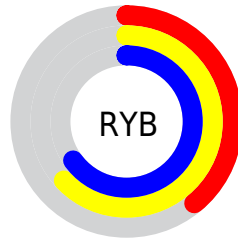
# Distribution



Red (39%)

Green (65%)

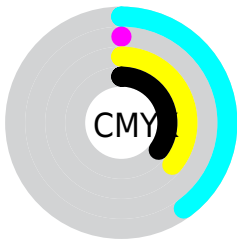
Blue (42%)



Red (39%)

Yellow (63%)

Blue (65%)

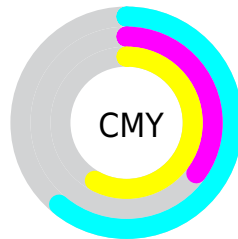


Cyan (40%)

Magenta (0%)

Yellow (36%)

Black (35%)



Cyan (61%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6530666 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 6530666 by changing the saturation by 10% instead.





6530666



6530666

16777215



4819793



10083998



3043642



11860665



1136675



13762517



16397



15597553



10752



4096



0



6530666



6530666



5416539



7644793

■ 4367948

■ 8693384

■ 3253821

■ 9807511

■ 2205231

■ 10856101

■ 1091104

■ 11970228

■ 42513

■ 13084355

■ 14132946

■ 15247073

■ 16295664

# Harmonies

## Analogous

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



9477713



6530666



1944206

# Triad

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



6530666



4759009



14580602

# Complementary

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



6530666



10904479

# 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.



14252448



6530666



9408731

# Square

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



6530666



42707



12550851



13665628

# Rectangle

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



6530666



43688



12550851



14580103



# Sweetspot

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



6530666



12573121



10462819



6188640



15592941



7237230



# Same Dimension

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



6530666



7461244



6530699



5002317



37903



5122



# Inverse Universe

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



10904479



14250446



10904446



5524563



9699460



1310738



# Previews

## White Background



This preview shows how the Decimal color 6530666 looks on a white background.

## Color Contrast Check

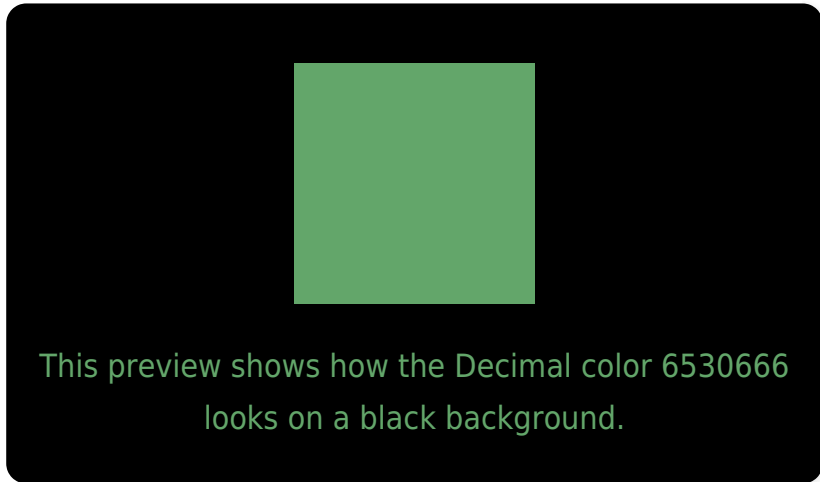
Large Text (above 18pt) WCAG AA × Fail

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

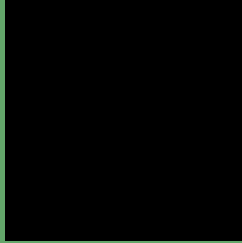
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6530666 Background



This preview shows how black text looks on a background with the Decimal color 6530666.



This preview shows how white text looks on a background with the Decimal color 6530666.

# 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**  
7380651

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6530666 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 #63A66A looks like.

```
.text, #text, p{  
  color:#63A66A  
}
```

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 #63A66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A66A
}
```

## Border

The CSS property to change the border of an element to Decimal 6530666 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
#63A66A }
```

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

```
.border{ border-color:#63A66A }
```

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

Here you see how a box with a 4 pixel #63A66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A66A; -webkit-box-shadow:4px 4px  
4px 4px #63A66A; box-shadow:4px 4px 4px  
4px #63A66A }
```

# Background

The CSS property to change the background color of an element to Decimal 6530666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A66A }
```

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

```
.background{ background-color:#63A66A }
```

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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