

# Converting Colors

Decimal(6535511)

Have a look what the booklet for  
Decimal(6535511) contains.

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# **Color**

**Decimal(6535511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63B957
RGB	99, 185, 87
RGB Percent	39%, 73%, 34%
CMY	0.6118, 0.2745, 0.6588
CMYK	0.46, 0.00, 0.53, 0.27
HSL	113°, 41%, 53%
HSV	113°, 53%, 73%
XYZ	24.2149, 38.0387, 15.0828
YIQ	148.1140, -19.7980, -48.7100

# Conversions

## Conversions Part 2

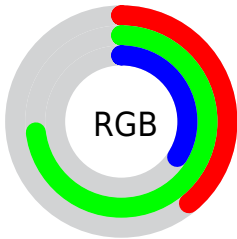
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 185, 173
Decimal	6535511
CIELab	68.05, -45.31, 41.43
CIELCh	68, 61.396, 137.563
Yxy	38.0387, 0.3131, 0.4919
Android (android.graphics.Color)	4284725591 (0xFF63B957)
YUV	148.1140, -30.1292, -43.0730
Hunter-Lab	61.6755, -37.8500, 28.6735

# Details

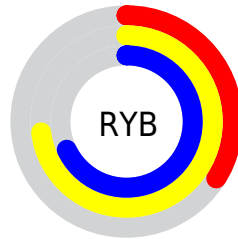
The Decimal color **6535511** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11360185**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **10220171**, and **2720549** is the 20% darker color. If you saturate the color by 10%, you get **5486917**, and if you desaturate by 10%, it is **7584106**.

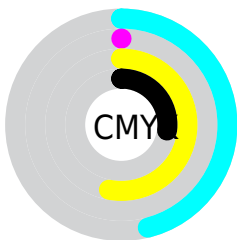
# Distribution



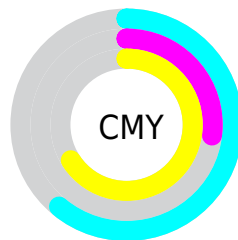
- Red (39%)
- Green (73%)
- Blue (34%)



- Red (34%)
- Yellow (73%)
- Blue (68%)



- Cyan (46%)
- Magenta (0%)
- Yellow (53%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6535511 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 6535511 by changing the saturation by 10% instead.





6535511



6535511

16777215



4693566



10220171



2720549



12058534



26887



13959106



20480



15925214



14336



16777211



8960



0



6535511



6535511



5486917



7584106

■ 4438322

■ 8632700

■ 3324192

■ 9746831

■ 2275597

■ 10795425

■ 1554688

■ 11844020

■ 12892614

■ 14006745

■ 15055339

■ 16103933

# Harmonies

## Analogous

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



10792242



6535511



49036

# Triad

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



6535511



46079



16741512

# Complementary

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



6535511



11360185

# 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.



16742079



6535511



8233471

# Square

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



6535511



48631



13797873



16549206

# Rectangle

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



6535511



49587



13797873



16741018

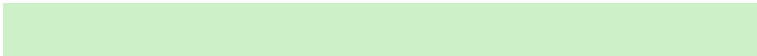


# Sweetspot

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



6535511



13562057



12168279



6584417



16250871



7895160



# Same Dimension

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



6535511



6942806



5749115



5528659



1285120



203776



# Inverse Universe

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



11360185



14505712



12146581



5985116



8978588



1638428



# Previews

## White Background



This preview shows how the Decimal color 6535511 looks on a white background.

## Color Contrast Check

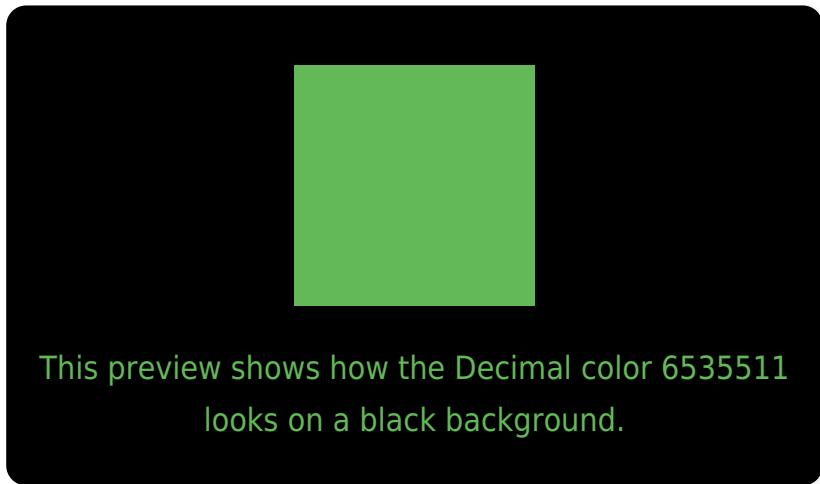
Large Text (above 18pt) WCAG AA × Fail

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

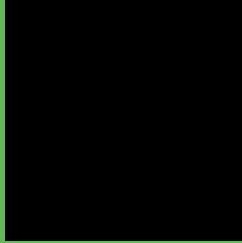
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6535511 Background



This preview shows how black text looks on a background with the Decimal color 6535511.



This preview shows how white text looks on a background with the Decimal color 6535511.

# 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





# Trichromacy



**Original Color**  
6535511



**Protanomaly**  
10005587



**Deuteranomaly**  
10790747



**Tritanomaly**  
7385751

# Monochromacy



**Original Color**  
6535511



**Achromatopsia**  
9737364



**Achromatomaly**  
8561022

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6535511 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 #63B957 looks like.

```
.text, #text, p{  
    color:#63B957  
}
```

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 #63B957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B957
}
```

## Border

The CSS property to change the border of an element to Decimal 6535511 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
#63B957 }
```

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

```
.border{ border-color:#63B957 }
```

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

Here you see how a box with a 4 pixel #63B957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B957; -webkit-box-shadow:4px 4px  
4px 4px #63B957; box-shadow:4px 4px 4px  
4px #63B957 }
```

# Background

The CSS property to change the background color of an element to Decimal 6535511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B957 }
```

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

```
.background{ background-color:#63B957 }
```

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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