

# Converting Colors

Decimal(6532459)

Have a look what the booklet for  
Decimal(6532459) contains.

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# **Color**

**Decimal(6532459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63AD6B
RGB	99, 173, 107
RGB Percent	39%, 68%, 42%
CMY	0.6118, 0.3216, 0.5804
CMYK	0.43, 0.00, 0.38, 0.32
HSL	126°, 31%, 53%
HSV	126°, 43%, 68%
XYZ	22.7430, 33.6013, 19.1969
YIQ	143.3500, -22.9180, -36.2140

# Conversions

## Conversions Part 2

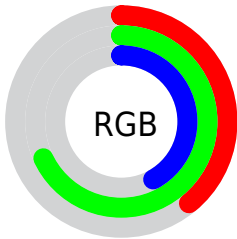
Format	Color
<a href="#">RYB</a>	<a href="#">99, 166, 173</a>
Decimal	<a href="#">6532459</a>
CIELab	<a href="#">64.64, -37.19, 26.90</a>
CIELCh	<a href="#">65, 45.900, 144.129</a>
Yxy	<a href="#">33.6013, 0.3011, 0.4448</a>
Android (android.graphics.Color)	<a href="#">4284722539 (0xFF63AD6B)</a>
YUV	<a href="#">143.3500, -17.9205, -38.8949</a>
Hunter-Lab	<a href="#">57.9667, -31.4078, 20.9415</a>

# Details

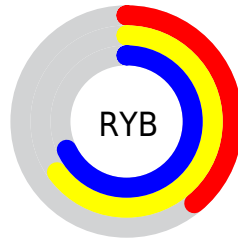
The Decimal color **6532459** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11363237**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **10085791**, and **2979898** is the 20% darker color. If you saturate the color by 10%, you get **5418332**, and if you desaturate by 10%, it is **7646586**.

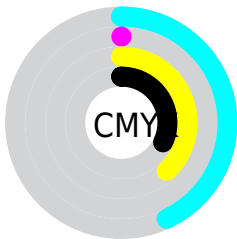
# Distribution



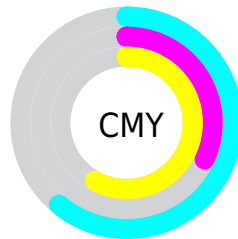
- Red (39%)
- Green (68%)
- Blue (42%)



- Red (39%)
- Yellow (65%)
- Blue (68%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6532459 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 6532459 by changing the saturation by 10% instead.





6532459



6532459

16777215



4756050



10085791



2979898



11927482



745252



13762518



17933



15663091



12032



6400



0



6532459



6532459



5418332



7646586

■ 4238668

■ 8826250

■ 3124541

■ 9940377

■ 2010413

■ 11054505

■ 896286

■ 12234168

■ 44307

■ 13348296

■ 14462423

■ 15576550

■ 16756214

# Harmonies

## Analogous

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



9741391



6532459



45459

# Triad

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



6532459



4170990



15367549

# Complementary

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



6532459



11363237

# 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.



15039399



6532459



9672168

# Square

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



6532459



44510



13141453



14387547

# Rectangle

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



6532459



45743



13141453



15432587



# Sweetspot

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



6532459



12837062



10923363



6189152



15790320



7368816



# Same Dimension

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



6532459



7266426



6532495



5134159



38416



5890



# Inverse Universe

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



11363237



14708436



11363201



5721686



9830534



1507348



# Previews

## White Background



This preview shows how the Decimal color 6532459 looks on a white background.

## Color Contrast Check

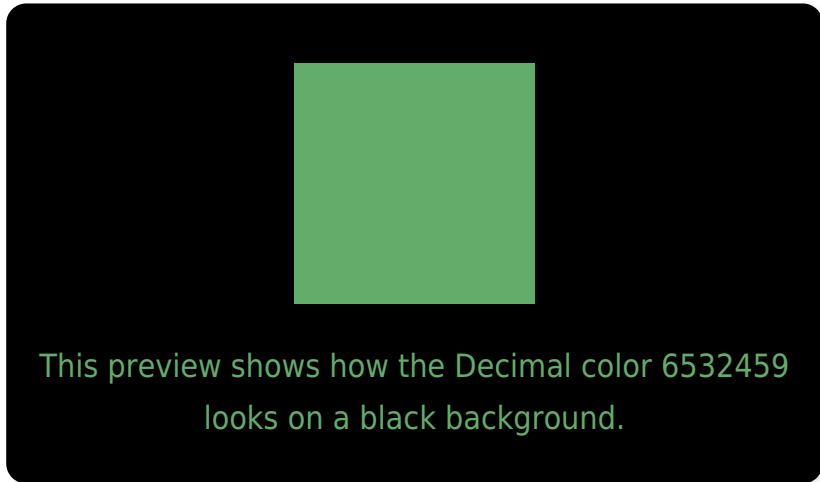
Large Text (above 18pt) WCAG AA × Fail

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

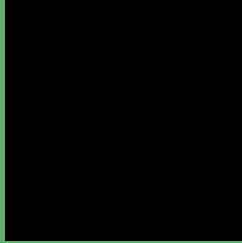
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6532459 Background



This preview shows how black text looks on a background with the Decimal color 6532459.



This preview shows how white text looks on a background with the Decimal color 6532459.

# 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**  
6532459

**Protanopia**  
11181156

**Deuteranopia**  
12162416



**Tritanopia**  
7513266

# Trichromacy



**Original Color**  
6532459



**Protanomaly**  
9478759



**Deuteranomaly**  
10133102



**Tritanomaly**  
7186328

# Monochromacy



**Original Color**  
6532459



**Achromatopsia**  
9408399



**Achromatomaly**  
8362626

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6532459 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 #63AD6B looks like.

```
.text, #text, p{  
  color:#63AD6B  
}
```

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 #63AD6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63AD6B
}
```

## Border

The CSS property to change the border of an element to Decimal 6532459 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
#63AD6B }
```

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

```
.border{ border-color:#63AD6B }
```

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

Here you see how a box with a 4 pixel #63AD6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63AD6B; -webkit-box-shadow:4px 4px  
4px 4px #63AD6B; box-shadow:4px 4px 4px  
4px #63AD6B }
```

# Background

The CSS property to change the background color of an element to Decimal 6532459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63AD6B }
```

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

```
.background{ background-color:#63AD6B }
```

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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