

# Converting Colors

Decimal(4042842)

Have a look what the booklet for  
Decimal(4042842) contains.

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# **Color**

**Decimal(4042842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DB05A
RGB	61, 176, 90
RGB Percent	24%, 69%, 35%
CMY	0.7608, 0.3098, 0.6471
CMYK	0.65, 0.00, 0.49, 0.31
HSL	135°, 49%, 46%
HSV	135°, 65%, 69%
XYZ	19.2953, 32.7810, 14.9833
YIQ	131.8110, -40.9340, -51.1260

# Conversions

## Conversions Part 2

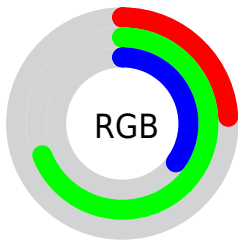
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">61, 153, 176</a>
Decimal	<a href="#">4042842</a>
CIELab	<a href="#">63.98, -50.89, 34.65</a>
CIElCh	<a href="#">64, 61.568, 145.755</a>
Yxy	<a href="#">32.7810, 0.2877, 0.4888</a>
Android (android.graphics.Color)	<a href="#">4282232922 (0xFF3DB05A)</a>
YUV	<a href="#">131.8110, -20.6128, -62.1012</a>
Hunter-Lab	<a href="#">57.2547, -40.0397, 24.5624</a>

# Details

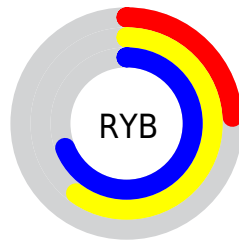
The Decimal color **4042842** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11550099**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **7989646**, and **31273** is the 20% darker color. If you saturate the color by 10%, you get **2863181**, and if you desaturate by 10%, it is **5222503**.

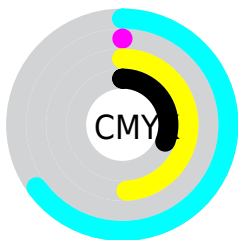
# Distribution



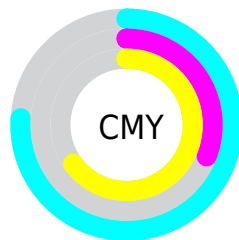
- Red (24%)
- Green (69%)
- Blue (35%)



- Red (24%)
- Yellow (60%)
- Blue (69%)



- Cyan (65%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (76%)
- Magenta (31%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4042842 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 4042842 by changing the saturation by 10% instead.



 4042842

 4042842

16777215

 1480001

 7989646

 31273

 9895848

 24592

 11796420

 18176

 13696992

 12544

 15663101

 5632

 0

 4042842

 4042842

 2863181

 5222503

■ 1749056

■ 6336628

■ 569395

■ 7516289

■ 45100

■ 8630415

■ 9810076

■ 10989737

■ 12103862

■ 13283523

■ 14397648

# Harmonies

## Analogous

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



9020974



4042842



46481

# Triad

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



4042842



42239



16608367

# Complementary

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



4042842



1155099

# 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.



16345253



4042842



9343230

# Square

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



4042842



45301



14055642



15171648

# Rectangle

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



4042842



46519



14055642



16738432



# Sweetspot

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



4042842



12117699



9678909



5731166



15921906



7566195



# Same Dimension

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



4042842



3335776



4042899



5265747



39207



6662



# Inverse Universe

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



11550099



15086264



11550042



5853271



10027122



1703955



# Previews

## White Background



This preview shows how the Decimal color 4042842 looks on a white background.

## Color Contrast Check

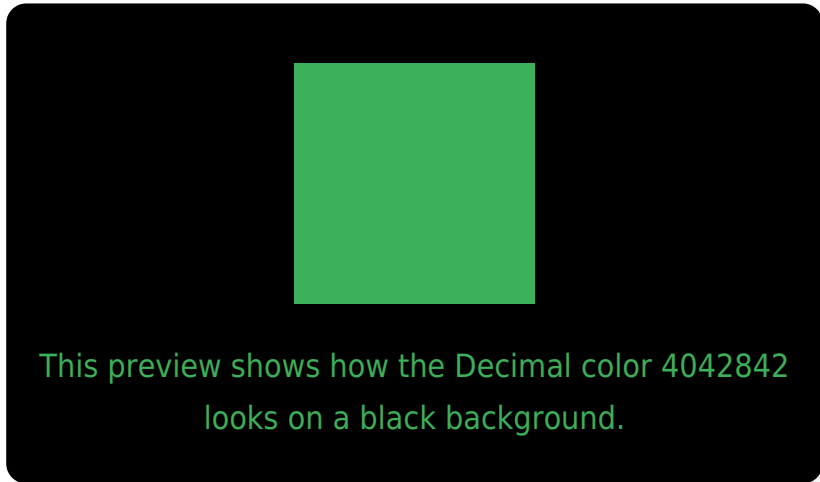
Large Text (above 18pt) WCAG AA × Fail

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

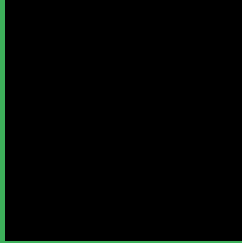
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4042842 Background



This preview shows how black text looks on a background with the Decimal color 4042842.

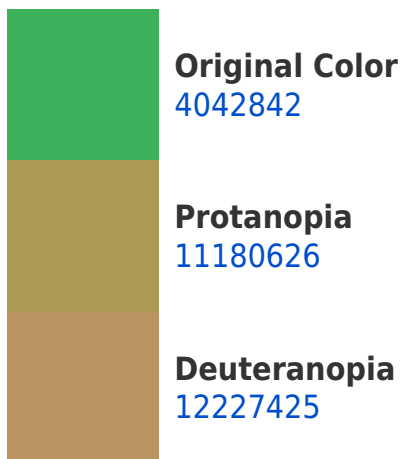


This preview shows how white text looks on a background with the Decimal color 4042842.

# 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



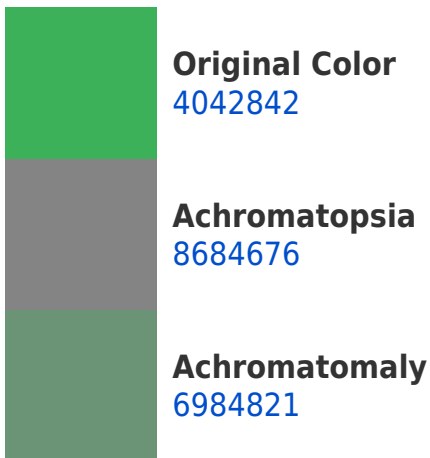


**Tritanopia**  
5809843

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4042842 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 #3DB05A looks like.

```
.text, #text, p{  
    color:#3DB05A  
}
```

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 #3DB05A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB05A
}
```

## Border

The CSS property to change the border of an element to Decimal 4042842 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
#3DB05A }
```

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

```
.border{ border-color:#3DB05A }
```

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

Here you see how a box with a 4 pixel #3DB05A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB05A; -webkit-box-shadow:4px 4px  
4px 4px #3DB05A; box-shadow:4px 4px 4px  
4px #3DB05A }
```

# Background

The CSS property to change the background color of an element to Decimal 4042842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB05A }
```

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

```
.background{ background-color:#3DB05A }
```

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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