

# Converting Colors

Decimal(4315484)

Have a look what the booklet for  
Decimal(4315484) contains.

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# **Color**

**Decimal(4315484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41D95C
RGB	65, 217, 92
RGB Percent	25%, 85%, 36%
CMY	0.7451, 0.1490, 0.6392
CMYK	0.70, 0.00, 0.58, 0.15
HSL	131°, 67%, 55%
HSV	131°, 70%, 85%
XYZ	28.9246, 51.5222, 18.5455
YIQ	157.3020, -50.4670, -71.0990

# Conversions

## Conversions Part 2

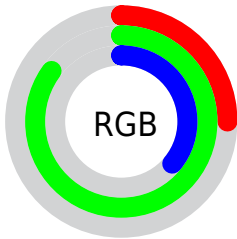
Format	Color
<a href="#">RYB</a>	<a href="#">65, 194, 217</a>
Decimal	<a href="#">4315484</a>
CIELab	<a href="#">76.99, -64.52, 49.47</a>
CIELCh	<a href="#">77, 81.305, 142.522</a>
Yxy	<a href="#">51.5222, 0.2922, 0.5205</a>
Android (android.graphics.Color)	<a href="#">4282505564</a> ( <a href="#">0xFF41D95C</a> )
YUV	<a href="#">157.3020, -32.1939, -80.9489</a>
Hunter-Lab	<a href="#">71.7790, -53.6835, 34.9266</a>

# Details

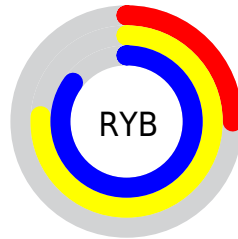
The Decimal color **4315484** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **14238142**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **8716177**, and **41255** is the 20% darker color. If you saturate the color by 10%, you get **2873674**, and if you desaturate by 10%, it is **5757294**.

# Distribution



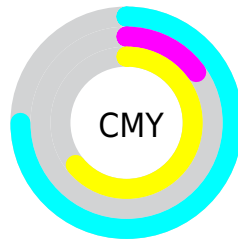
- Red (25%)
- Green (85%)
- Blue (36%)



- Red (25%)
- Yellow (76%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4315484 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 4315484 by changing the saturation by 10% instead.





4315484



4315484

16777215



572738



8716177



41255



10682285



34051



12713929



27392



14745574



20736

16711679



14592



8192



0



4315484



4315484

■ 2873674

■ 5757294

■ 1497400

■ 7133568

■ 55591

■ 8575378

■ 10017187

■ 11458997

■ 12835271

■ 14277081

■ 15718891

■ 16767485

# Harmonies

## Analogous

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



11324176



4315484



57512

# Triad

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



4315484



52735



16742281

# Complementary

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



4315484



14238142

# 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.



16741332



4315484



9941759

# Square

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



4315484



56319



16748543



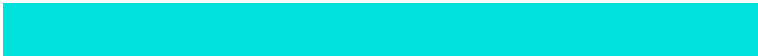
16749893

# Rectangle

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



4315484



57821



16748543



16741026

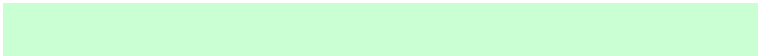


# Sweetspot

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



4315484



13238227



12638529



6324325



0



8421504



# Same Dimension

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



4315484



2752335



4315558



6516325



44319



11784



# Inverse Universe

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



14238142



16722393



14238068



7234412



11337871



3014694



# Previews

## White Background



This preview shows how the Decimal color 4315484 looks on a white background.

## Color Contrast Check

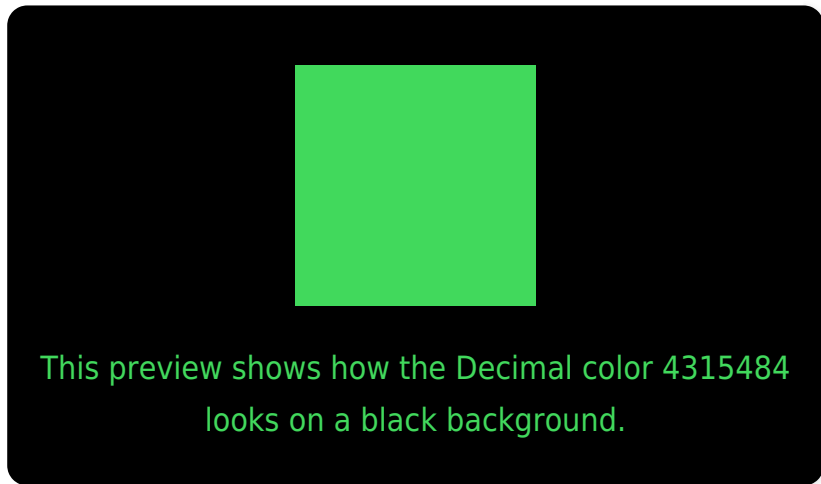
Large Text (above 18pt) WCAG AA × Fail

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 4315484 Background



This preview shows how black text looks on a background with the Decimal color 4315484.

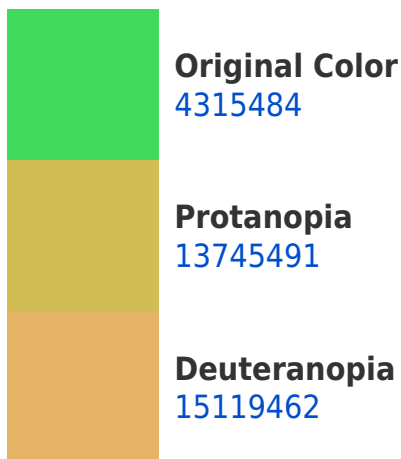


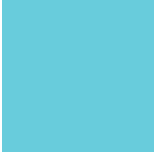
This preview shows how white text looks on a background with the Decimal color 4315484.

# 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**  
6868188

# Trichromacy



**Original Color**  
4315484



**Protanomaly**  
10340182



**Deuteranomaly**  
11190626



**Tritanomaly**  
5951917

# Monochromacy



**Original Color**  
4315484



**Achromatopsia**  
10329501



**Achromatomaly**  
8172421

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4315484 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 #41D95C looks like.

```
.text, #text, p{  
    color:#41D95C  
}
```

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 #41D95C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D95C
}
```

## Border

The CSS property to change the border of an element to Decimal 4315484 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
#41D95C }
```

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

```
.border{ border-color:#41D95C }
```

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

Here you see how a box with a 4 pixel #41D95C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D95C; -webkit-box-shadow:4px 4px  
4px 4px #41D95C; box-shadow:4px 4px 4px  
4px #41D95C }
```

# Background

The CSS property to change the background color of an element to Decimal 4315484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D95C }
```

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

```
.background{ background-color:#41D95C }
```

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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