

# Converting Colors

Decimal(5032545)

Have a look what the booklet for  
Decimal(5032545) contains.

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# **Color**

**Decimal(5032545)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CCA61
RGB	76, 202, 97
RGB Percent	30%, 79%, 38%
CMY	0.7020, 0.2078, 0.6196
CMYK	0.62, 0.00, 0.52, 0.21
HSL	130°, 54%, 55%
HSV	130°, 62%, 79%
XYZ	26.2587, 44.6406, 18.5418
YIQ	152.3560, -41.3910, -59.3670

# Conversions

## Conversions Part 2

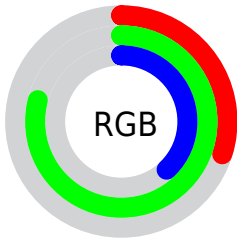
Format	Color
<a href="#">RYB</a>	<a href="#">76, 184, 202</a>
Decimal	<a href="#">5032545</a>
CIELab	<a href="#">72.65, -56.48, 42.00</a>
CIELCh	<a href="#">73, 70.386, 143.369</a>
Yxy	<a href="#">44.6406, 0.2936, 0.4991</a>
Android (android.graphics.Color)	<a href="#">4283222625 (0xFF4CCA61)</a>
YUV	<a href="#">152.3560, -27.2905, -66.9642</a>
Hunter-Lab	<a href="#">66.8136, -46.7709, 30.3157</a>

# Details

The Decimal color **5032545** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **13257909**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9043862**, and **37678** is the 20% darker color. If you saturate the color by 10%, you get **3721808**, and if you desaturate by 10%, it is **6343282**.

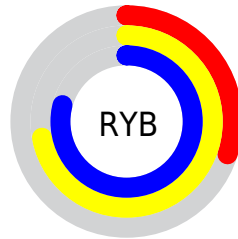
# Distribution



Red (30%)

Green (79%)

Blue (38%)



Red (30%)

Yellow (72%)

Blue (79%)

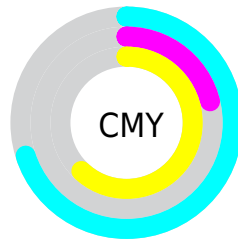


Cyan (62%)

Magenta (0%)

Yellow (52%)

Black (21%)



Cyan (70%)

Magenta (21%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5032545 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 5032545 by changing the saturation by 10% instead.





5032545



5032545

16777215



2666056



9043862



37678



10944433



30739



12910541



24064



14876650



17664



12032



4352



0



5032545



5032545

■ 3721808

■ 6343282

■ 2411071

■ 7654019

■ 1034798

■ 9030292

■ 51746

■ 10341028

■ 11651765

■ 12962502

■ 14273239

■ 15649512

■ 16763641

# Harmonies

## Analogous

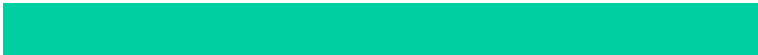
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10665517



5032545



53409

# Triad

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



5032545



48895



16742787

# Complementary

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



5032545



13257909

# 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.



16742083



5032545



10004479

# Square

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



5032545



52223



15895551



16748619

# Rectangle

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



5032545



53710



15895551



16741784

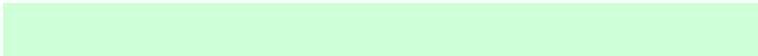


# Sweetspot

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



5032545



13631447



11913804



6455399



0



8421504



# Same Dimension

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



5032545



4259680



5032608



6055518



42524



9734



# Inverse Universe

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



13257909



16728287



13257846



6708324



10879114

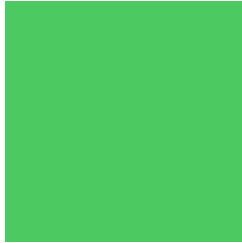


2490400



# Previews

## White Background



This preview shows how the Decimal color 5032545 looks on a white background.

## Color Contrast Check

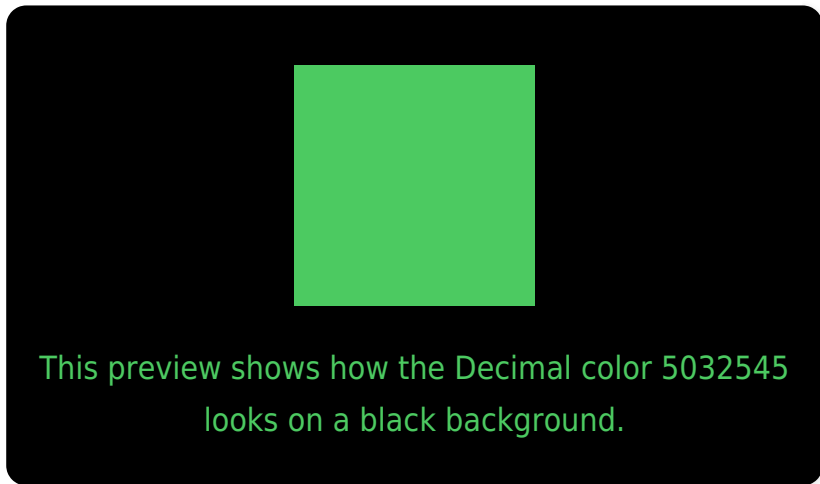
Large Text (above 18pt) WCAG AA × Fail

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 5032545 Background



This preview shows how black text looks on a background with the Decimal color 5032545.



This preview shows how white text looks on a background with the Decimal color 5032545.

# 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**  
5032545

**Protanopia**  
12824921

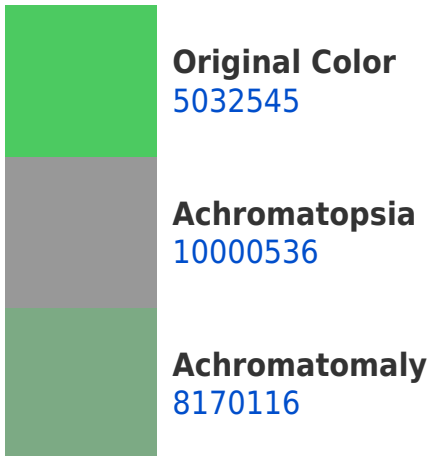
**Deuteranopia**  
14133610



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5032545 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 #4CCA61 looks like.

```
.text, #text, p{  
    color:#4CCA61  
}
```

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 #4CCA61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CCA61
}
```

## Border

The CSS property to change the border of an element to Decimal 5032545 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
#4CCA61 }
```

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

```
.border{ border-color:#4CCA61 }
```

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

Here you see how a box with a 4 pixel #4CCA61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CCA61; -webkit-box-shadow:4px 4px  
4px 4px #4CCA61; box-shadow:4px 4px 4px  
4px #4CCA61 }
```

# Background

The CSS property to change the background color of an element to Decimal 5032545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CCA61 }
```

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

```
.background{ background-color:#4CCA61 }
```

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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