

# Converting Colors

Decimal(5415745)

Have a look what the booklet for  
Decimal(5415745) contains.

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# Color

**Decimal(5415745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52A341
RGB	82, 163, 65
RGB Percent	32%, 64%, 25%
CMY	0.6784, 0.3608, 0.7451
CMYK	0.50, 0.00, 0.60, 0.36
HSL	110°, 43%, 45%
HSV	110°, 60%, 64%
XYZ	17.5310, 28.3699, 9.5530
YIQ	127.6090, -16.8180, -47.6500

# Conversions

## Conversions Part 2

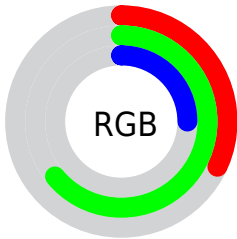
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 163, 146
Decimal	5415745
CIELab	60.22, -43.92, 42.55
CIElCh	60, 61.152, 135.913
Yxy	28.3699, 0.3161, 0.5116
Android (android.graphics.Color)	4283605825 (0xFF52A341)
YUV	127.6090, -30.8662, -39.9991
Hunter-Lab	53.2634, -34.4598, 26.6505

# Details

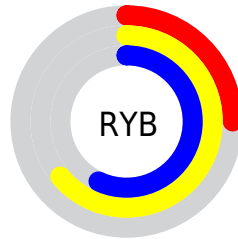
The Decimal color **5415745** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9585059**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **9034612**, and **1273355** is the 20% darker color. If you saturate the color by 10%, you get **4563761**, and if you desaturate by 10%, it is **6267729**.

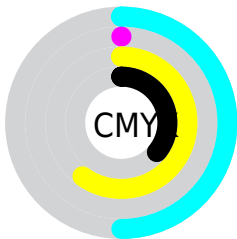
# Distribution



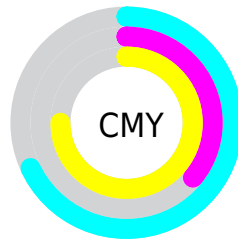
- Red (32%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)



- Cyan (68%)
- Magenta (36%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5415745 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 5415745 by changing the saturation by 10% instead.





5415745



5415745

16777215



3508264



9034612



1273355



10876815



21760



12779434



15616



14680006



10240



16646114



512



0



5415745



5415745



4563761



6267729

 3646240

 7185250

 2794256


 8037234

 1876736

 8954754

 9806739

 10724259

 11576243

 12493763

 13345748

# Harmonies

## Analogous

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



9541402



5415745



43381

# Triad

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



5415745



40698



15949431

# Complementary

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



5415745



9585059

# 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.



15098285



5415745



6196729

# Square

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



5415745



43230



12089053



14970693

# Rectangle

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



5415745



43931



12089053



15883657



# Sweetspot

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



5415745



11850926



10719553



5794644



15461355



7039851



# Same Dimension

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



5415745



5690427



4301664



4936265



1675520



201216



# Inverse Universe

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



9585059



12139476



10699140



5261650



7864465



983058



# Previews

## White Background



This preview shows how the Decimal color 5415745 looks on a white background.

## Color Contrast Check

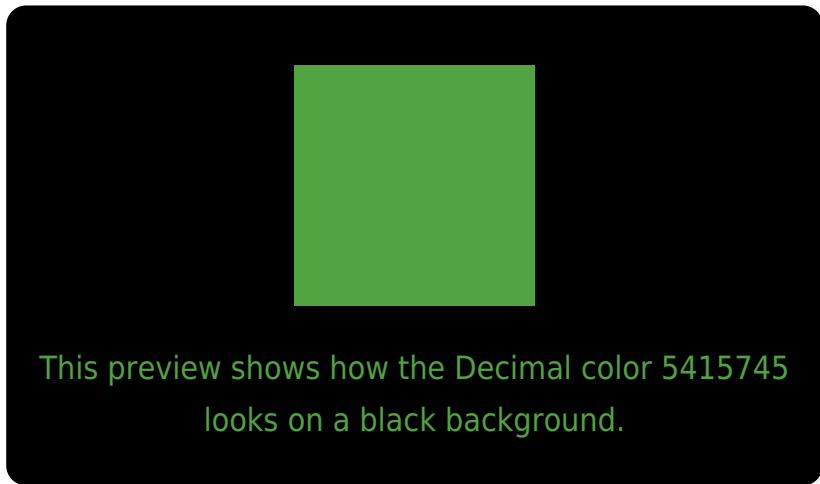
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 5415745 Background



This preview shows how black text looks on a background with the Decimal color 5415745.



This preview shows how white text looks on a background with the Decimal color 5415745.

# 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**  
5415745

**Protanopia**  
10588475

**Deuteranopia**  
11635016



**Tritanopia**  
6724005

# Trichromacy



**Original Color**  
5415745



**Protanomaly**  
8689725



**Deuteranomaly**  
9343557



**Tritanomaly**  
6266241

# Monochromacy



**Original Color**  
5415745



**Achromatopsia**  
8421504



**Achromatomaly**  
7310697

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5415745 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 #52A341 looks like.

```
.text, #text, p{  
    color:#52A341  
}
```

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 #52A341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A341
}
```

## Border

The CSS property to change the border of an element to Decimal 5415745 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
#52A341 }
```

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

```
.border{ border-color:#52A341 }
```

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

Here you see how a box with a 4 pixel #52A341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A341; -webkit-box-shadow:4px 4px  
4px 4px #52A341; box-shadow:4px 4px 4px  
4px #52A341 }
```

# Background

The CSS property to change the background color of an element to Decimal 5415745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A341 }
```

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

```
.background{ background-color:#52A341 }
```

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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