

# Converting Colors

Decimal(2845449)

Have a look what the booklet for  
Decimal(2845449) contains.

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**Color**

**Decimal(2845449)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B6B09
RGB	43, 107, 9
RGB Percent	17%, 42%, 4%
CMY	0.8314, 0.5804, 0.9647
CMYK	0.60, 0.00, 0.92, 0.58
HSL	99°, 84%, 23%
HSV	99°, 92%, 42%
XYZ	6.3033, 11.0487, 2.0588
YIQ	76.6920, -6.6860, -44.0460

# Conversions

## Conversions Part 2

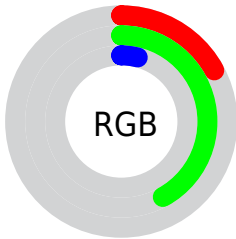
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 107, 73
Decimal	2845449
CIELab	39.66, -37.54, 42.69
CIElCh	40, 56.845, 131.328
Yxy	11.0487, 0.3247, 0.5692
Android (android.graphics.Color)	4281035529 (0xFF2B6B09)
YUV	76.6920, -33.3722, -29.5479
Hunter-Lab	33.2396, -24.3201, 19.5953

# Details

The Decimal color **2845449** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4786539**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **6397760**, and **14848** is the 20% darker color. If you saturate the color by 10%, you get **2452224**, and if you desaturate by 10%, it is **3304212**.

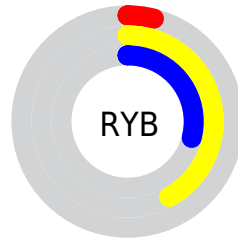
# Distribution



Red (17%)

Green (42%)

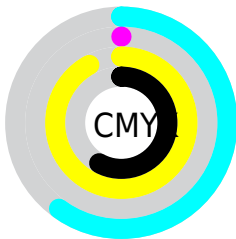
Blue (4%)



Red (4%)

Yellow (42%)

Blue (29%)

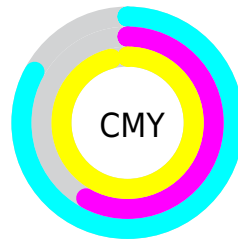


Cyan (60%)

Magenta (0%)

Yellow (92%)

Black (58%)



Cyan (83%)

Magenta (58%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2845449 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 2845449 by changing the saturation by 10% instead.



 2845449

 2845449

16777213

 610816

 6397760

 14848

 8174169

 9728

 9950835

 0

 11793293

 13696936

 15597508

 16777184

 2845449

 2845449

■ 2452224

■ 3304212

■ 3762974

■ 4221737

■ 4680500

■ 5139263

■ 5598025

■ 6056788

■ 6515551

■ 6974313

# Harmonies

## Analogous

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



6381824



2845449



28734

# Triad

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



2845449



27574



11413326

# Complementary

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



2845449



4786539

# 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.



10497916



2845449



23993

# Square

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



2845449



29082



7620772



10762786

# Rectangle

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



2845449



29278



7620772



11347549



# Sweetspot

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



2845449



7638118



7031049



3688241



13092807



4671303



# Same Dimension

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



2845449



3247104



617240



3290672



2716928



5633280



# Inverse Universe

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



4786539



6029452



7014748



3420214



5046389



10486005



# Previews

## White Background



This preview shows how the Decimal color 2845449 looks on a white background.

## Color Contrast Check

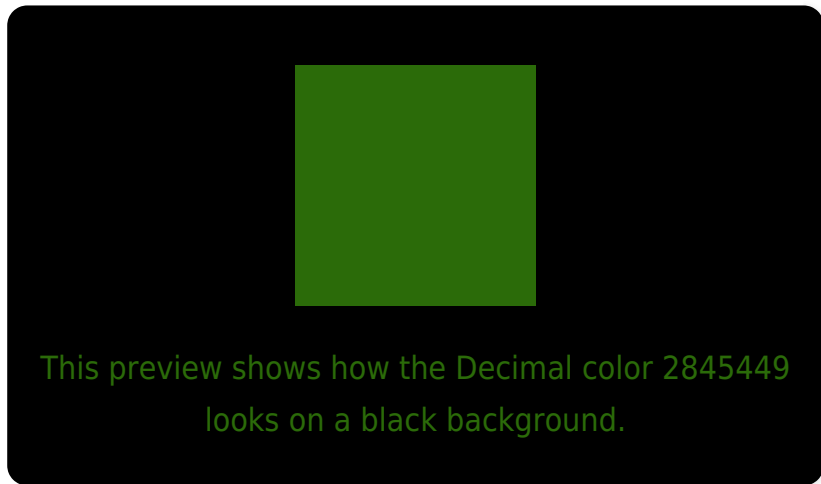
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 2845449 Background



This preview shows how black text looks on a background with the Decimal color 2845449.



This preview shows how white text looks on a background with the Decimal color 2845449.

# 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





# Trichromacy



**Original Color**  
2845449

**Protanomaly**  
5399043

**Deuteranomaly**  
5922579

**Tritanomaly**  
3565128

# Monochromacy



**Original Color**  
2845449

**Achromatopsia**  
5066061

**Achromatomaly**  
4282420

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2845449 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 #2B6B09 looks like.

```
.text, #text, p{  
    color:#2B6B09  
}
```

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 #2B6B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6B09
}
```

## Border

The CSS property to change the border of an element to Decimal 2845449 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".

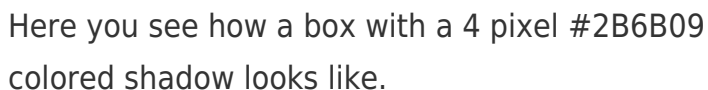
```
.border, #border, table{ border:4px solid
#2B6B09 }
```

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

```
.border{ border-color:#2B6B09 }
```

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

Here you see how a box with a 4 pixel #2B6B09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6B09; -webkit-box-shadow:4px 4px  
4px 4px #2B6B09; box-shadow:4px 4px 4px  
4px #2B6B09 }
```

# Background

The CSS property to change the background color of an element to Decimal 2845449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6B09 }
```

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

```
.background{ background-color:#2B6B09 }
```

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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