

# Converting Colors

Decimal(5806336)

Have a look what the booklet for  
Decimal(5806336) contains.

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**Color**

**Decimal(5806336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	589900
RGB	88, 153, 0
RGB Percent	35%, 60%, 0%
CMY	0.6549, 0.4000, 1.0000
CMYK	0.42, 0.00, 1.00, 0.40
HSL	85°, 100%, 30%
HSV	85°, 100%, 60%
XYZ	15.4157, 24.8572, 3.9854
YIQ	116.1230, 10.3730, -61.3630

# Conversions

## Conversions Part 2

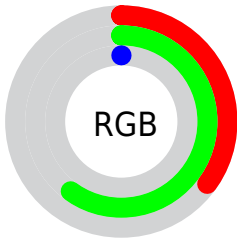
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 65
Decimal	5806336
CIELab	56.94, -41.70, 59.35
CIELCh	57, 72.535, 125.097
Yxy	24.8572, 0.3483, 0.5616
Android (android.graphics.Color)	4283996416 (0xFF589900)
YUV	116.1230, -57.2486, -24.6639
Hunter-Lab	49.8570, -32.0576, 30.1604

# Details

The Decimal color **5806336** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4259993**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9490503**, and **1926400** is the 20% darker color. If you saturate the color by 10%, you get **5806336**, and if you desaturate by 10%, it is **6265103**.

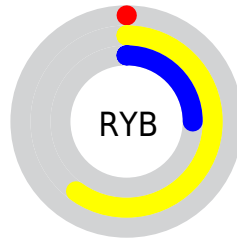
# Distribution



Red (35%)

Green (60%)

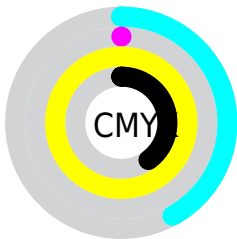
Blue (0%)



Red (0%)

Yellow (60%)

Blue (25%)

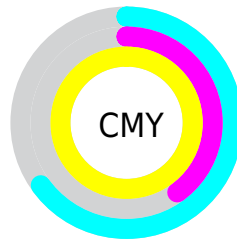


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (65%)

Magenta (40%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5806336 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 5806336 by changing the saturation by 10% instead.



 5806336	 5806336
 16777215	 3964672
 9490503	 1926400
 11332706	 19712
 13238141	 13568
 15204249	 8192
 16777141	 0
 16777169	
 16777199	
 5806336	

 6265103

 6658335

 7051566

 7510333

 7969101

 8362332

 8821099

 9214330

 9673098

# Harmonies

## Analogous

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



10193152



5806336



41296

# Triad

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



5806336



40444



16203649

# Complementary

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



5806336



4259993

# 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.



14438847



5806336



36351

# Square

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



5806336



42192



9794289



15684163

# Rectangle

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



5806336



42108



9794289



15876502



# Sweetspot

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



5806336



11454347



10043392



5530432



14935011



6513507



# Same Dimension

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



5806336



7522048



891136



4803909



5344256



462080



# Inverse Universe

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



4259993



5570759



9175193



4736333



3932300



327693



# Previews

## White Background



This preview shows how the Decimal color 5806336 looks on a white background.

## Color Contrast Check

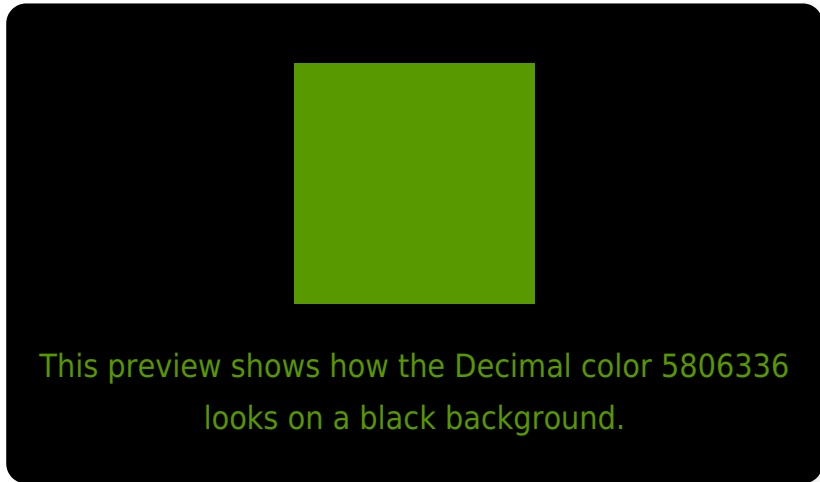
Large Text (above 18pt) WCAG AA ✓ Pass

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 5806336 Background



This preview shows how black text looks on a background with the Decimal color 5806336.



This preview shows how white text looks on a background with the Decimal color 5806336.

# 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**  
5806336

**Protanopia**  
10061824

**Deuteranopia**  
11239711



**Tritanopia**  
6983322

# Trichromacy



**Original Color**  
5806336

**Protanomaly**  
8490496

**Deuteranomaly**  
9275924

**Tritanomaly**  
6525538

# Monochromacy



**Original Color**  
5806336

**Achromatopsia**  
7631988

**Achromatomaly**  
6979914

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5806336 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 #589900 looks like.

```
.text, #text, p{  
    color:#589900  
}
```

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 #589900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589900
}
```

## Border

The CSS property to change the border of an element to Decimal 5806336 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
#589900 }
```

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

```
.border{ border-color:#589900 }
```

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

Here you see how a box with a 4 pixel #589900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589900; -webkit-box-shadow:4px 4px  
4px 4px #589900; box-shadow:4px 4px 4px  
4px #589900 }
```

# Background

The CSS property to change the background color of an element to Decimal 5806336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589900 }
```

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

```
.background{ background-color:#589900 }
```

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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