

# Converting Colors

Decimal(53006)

Have a look what the booklet for  
Decimal(53006) contains.

<b>Decimal(53006)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(53006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CF0E
RGB	0, 207, 14
RGB Percent	0%, 81%, 5%
CMY	1.0000, 0.1882, 0.9451
CMYK	1.00, 0.00, 0.93, 0.19
HSL	124°, 100%, 41%
HSV	124°, 100%, 81%
XYZ	22.3921, 44.6574, 7.8550
YIQ	123.1050, -61.4190, -103.9070

# Conversions

## Conversions Part 2

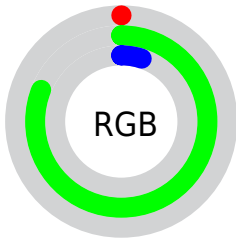
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 194, 207
Decimal	53006
CIELab	72.67, -73.37, 69.61
CIELCh	73, 101.141, 136.505
Yxy	44.6574, 0.2989, 0.5962
Android (android.graphics.Color)	4278243086 (0xFF00CF0E)
YUV	123.1050, -53.7888, -107.9631
Hunter-Lab	66.8262, -57.1340, 39.8091

# Details

The Decimal color **53006** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13566145**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **7012182**, and **38656** is the 20% darker color. If you saturate the color by 10%, you get **53006**, and if you desaturate by 10%, it is **1429281**.

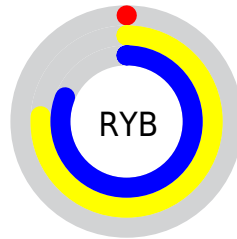
# Distribution



Red (0%)

Green (81%)

Blue (5%)



Red (0%)

Yellow (76%)

Blue (81%)

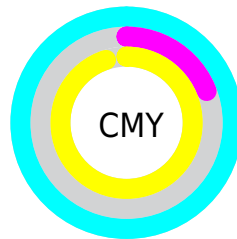


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (19%)



Cyan (100%)

Magenta (19%)


Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 53006 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 53006 by changing the saturation by 10% instead.



 53006	 53006
 16777215	 45824
 7012182	 38656
 9174899	 31744
 11272079	 24832
 13369260	 18176
 15400905	 12032
 16777190	 4352
	 0

 53006

 1429281

 2740021

 4116296

 5492571

 6868846

 8179586

 9555861

 10932136

 12242876

# Harmonies

## Analogous

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



11058688



53006



55172

# Triad

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



53006



51967



16725892

# Complementary

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



53006



13566145

# 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.



16728288



53006



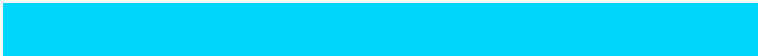
44287

# Square

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



53006



55295



15957503



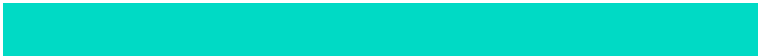
16740391

# Rectangle

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



53006



56005



15957503



16723106

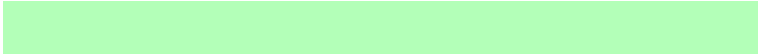


# Sweetspot

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



53006



11796408



12701440



5406805



0



8421504



# Same Dimension

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



53006



65297



53109



6187359



43019



10499



# Inverse Universe

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



13566145



16711918



13566042



6905448



11010205

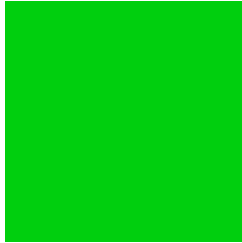


2687014



# Previews

## White Background



This preview shows how the Decimal color 53006 looks on a white background.

## Color Contrast Check

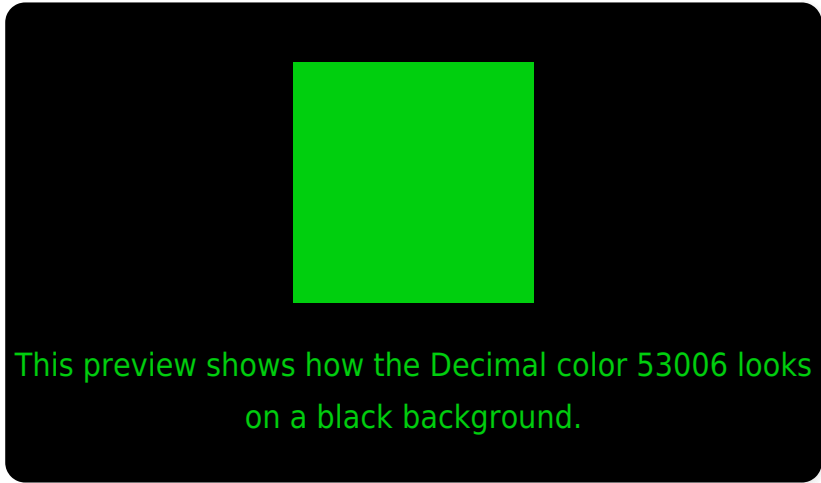
Large Text (above 18pt) WCAG AA × Fail

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

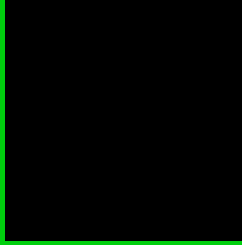
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

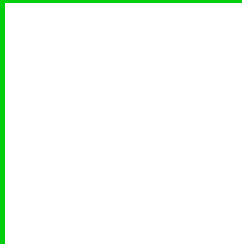
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 53006 Background



This preview shows how black text looks on a background with the Decimal color 53006.

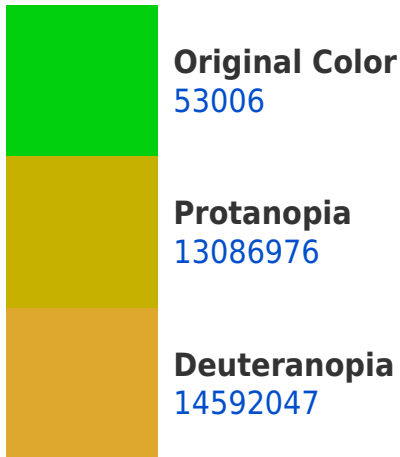


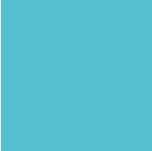
This preview shows how white text looks on a background with the Decimal color 53006.

# 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](#).

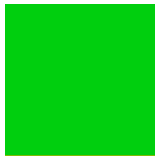
## Dichromacy





**Tritanopia**  
5750992

# Trichromacy



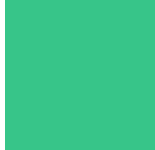
**Original Color**  
53006



**Protanomaly**  
8371205

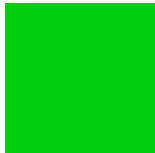


**Deuteranomaly**  
9287203



**Tritanomaly**  
3655049

# Monochromacy



**Original Color**  
53006



**Achromatopsia**  
8092539



**Achromatomaly**  
5151315

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 53006 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 #00CF0E looks like.

```
.text, #text, p{  
    color:#00CF0E  
}
```

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 #00CF0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CF0E
}
```

## Border

The CSS property to change the border of an element to Decimal 53006 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
#00CF0E }
```

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

```
.border{ border-color:#00CF0E }
```

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

Here you see how a box with a 4 pixel #00CF0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CF0E; -webkit-box-shadow:4px 4px  
4px 4px #00CF0E; box-shadow:4px 4px 4px  
4px #00CF0E }
```

# Background

The CSS property to change the background color of an element to Decimal 53006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CF0E }
```

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

```
.background{ background-color:#00CF0E }
```

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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