

# Converting Colors

Decimal(5028352)

Have a look what the booklet for  
Decimal(5028352) contains.

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# **Color**

**Decimal(5028352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CBA00
RGB	76, 186, 0
RGB Percent	30%, 73%, 0%
CMY	0.7020, 0.2706, 1.0000
CMYK	0.59, 0.00, 1.00, 0.27
HSL	95°, 100%, 36%
HSV	95°, 100%, 73%
XYZ	20.5394, 36.6543, 5.9925
YIQ	131.9060, -5.8540, -81.1660

# Conversions

## Conversions Part 2

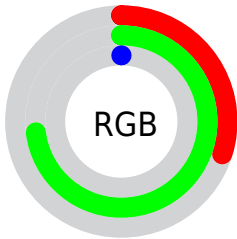
Format	Color
<b>RYB</b>	0, 186, 110
Decimal	5028352
CIELab	67.02, -57.79, 67.06
CIELCh	67, 88.521, 130.753
Yxy	36.6543, 0.3251, 0.5801
Android (android.graphics.Color)	4283218432 (0xFF4CBA00)
YUV	131.9060, -65.0297, -49.0296
Hunter-Lab	60.5428, -45.3930, 36.5115

# Details

The Decimal color **5028352** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7209146**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **9040718**, and **33792** is the 20% darker color. If you saturate the color by 10%, you get **5028352**, and if you desaturate by 10%, it is **5749267**.

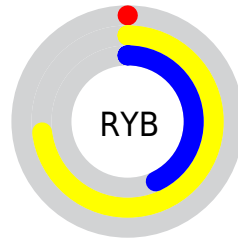
# Distribution



Red (30%)

Green (73%)

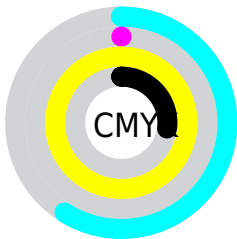
Blue (0%)



Red (0%)

Yellow (73%)

Blue (43%)

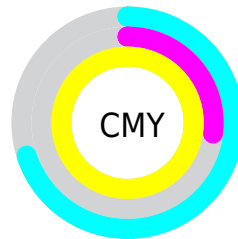


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (70%)

Magenta (27%)



Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5028352 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 5028352 by changing the saturation by 10% instead.



 5028352	 5028352
16777215	 2661888
 9040718	 33792
 11009898	 26880
 12976006	 20480
 14942115	 14336
 16777151	 8192
 16777181	 0
 16777210	
 5028352	

 5749267

 6470181

 7191096


 7912010

 8632925

 9353840

 10074754

 10795669

 11516583

# Harmonies

## Analogous

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



11184384



5028352



50027

# Triad

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



5028352



47871



16728202

# Complementary

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



5028352



7209146

# 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.



16732634



5028352



42239

# Square

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



5028352



50431



13139967



16737085

# Rectangle

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



5028352



50595



13139967



16727717

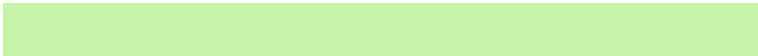


# Sweetspot

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



5028352



13103786



12217600



6322766



16448250



8026746



# Same Dimension

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



5028352



6550016



47631



5659731



4234240



728064



# Inverse Universe

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



7209146



9371890



12189867



5788508



6029468



1114140



# Previews

## White Background



This preview shows how the Decimal color 5028352 looks on a white background.

## Color Contrast Check

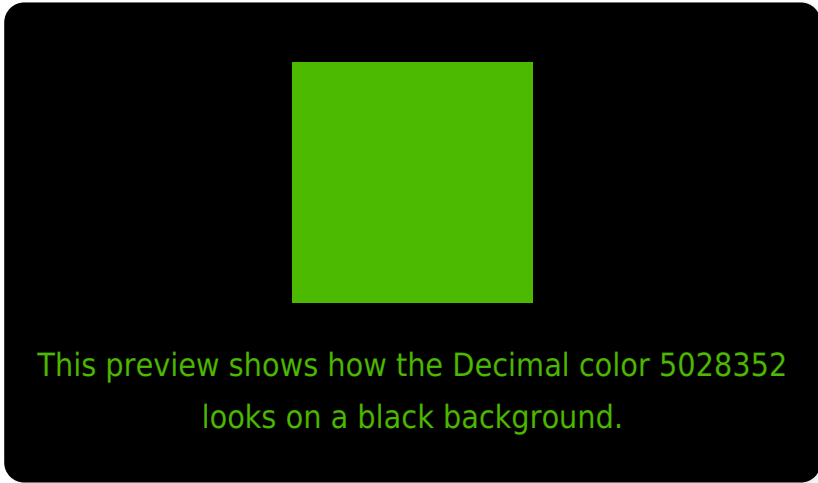
Large Text (above 18pt) WCAG AA × Fail

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 5028352 Background



This preview shows how black text looks on a background with the Decimal color 5028352.

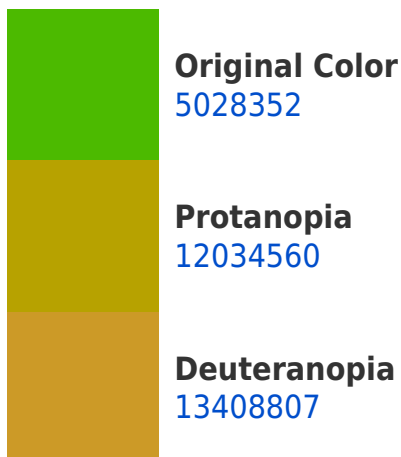


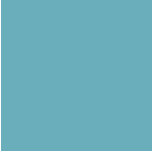
This preview shows how white text looks on a background with the Decimal color 5028352.

# 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**  
6991291

# Trichromacy



**Original Color**

5028352



**Protanomaly**

9480960



**Deuteranomaly**

10331673



**Tritanomaly**

6271607

# Monochromacy



**Original Color**

5028352



**Achromatopsia**

8684676



**Achromatomaly**

7379028

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5028352 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 #4CBA00 looks like.

```
.text, #text, p{  
    color:#4CBA00  
}
```

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 #4CBA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBA00
}
```

## Border

The CSS property to change the border of an element to Decimal 5028352 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
#4CBA00 }
```

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

```
.border{ border-color:#4CBA00 }
```

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

Here you see how a box with a 4 pixel #4CBA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBA00; -webkit-box-shadow:4px 4px  
4px 4px #4CBA00; box-shadow:4px 4px 4px  
4px #4CBA00 }
```

# Background

The CSS property to change the background color of an element to Decimal 5028352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBA00 }
```

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

```
.background{ background-color:#4CBA00 }
```

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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