

# Converting Colors

Decimal(439628)

Have a look what the booklet for  
Decimal(439628) contains.

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# **Color**

**Decimal(439628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06B54C
RGB	6, 181, 76
RGB Percent	2%, 71%, 30%
CMY	0.9765, 0.2902, 0.7020
CMYK	0.97, 0.00, 0.58, 0.29
HSL	144°, 94%, 37%
HSV	144°, 97%, 71%
XYZ	17.9035, 33.6083, 12.3809
YIQ	116.7050, -70.5950, -69.7550

# Conversions

## Conversions Part 2

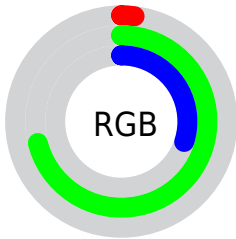
Format	Color
<a href="#">RYB</a>	<a href="#">6, 131, 181</a>
Decimal	<a href="#">439628</a>
CIELab	<a href="#">64.65, -61.01, 42.16</a>
CIELCh	<a href="#">65, 74.162, 145.356</a>
Yxy	<a href="#">33.6083, 0.2802, 0.5260</a>
Android (android.graphics.Color)	<a href="#">4278629708 (0xFF06B54C)</a>
YUV	<a href="#">116.7050, -20.0676, -97.0883</a>
Hunter-Lab	<a href="#">57.9726, -46.3266, 27.9186</a>

# Details

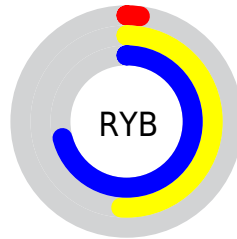
The Decimal color **439628** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **11863663**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6418048**, and **32280** is the 20% darker color. If you saturate the color by 10%, you get **46408**, and if you desaturate by 10%, it is **1619287**.

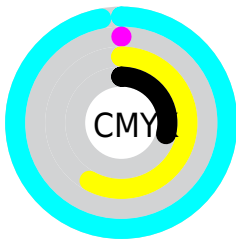
# Distribution



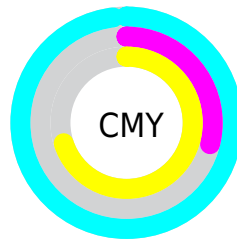
- Red (2%)
- Green (71%)
- Blue (30%)



- Red (2%)
- Yellow (51%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (70%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 439628 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 439628 by changing the saturation by 10% instead.



 439628  439628


16777215  39219

 6418048  32280

 8454043  25600

 10420150  19200

 12451794  13312


 14417903  6400

 16449535  0

 439628  439628

 46408  1619287

 2798946

 3978605


 5158263

 6337922

 7583117

 8762776

 9942435

 11122094

# Harmonies

## Analogous

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



8759808



439628



47760

# Triad

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



439628



43263



16735848

# Complementary

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



439628



11863663

# 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.



16734122



439628



8753407

# Square

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



439628



46847



14840041



16087852

# Rectangle

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



439628



48062



14840041



16734334



# Sweetspot

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



439628



11004866



7320838



5010781



16119285



7697781



# Same Dimension

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



439628



60254



439716



5265748



39229



6666



# Inverse Universe

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



11863663



15401101



11863576



5853270



10027100



1703951



# Previews

## White Background



This preview shows how the Decimal color 439628 looks on a white background.

## Color Contrast Check

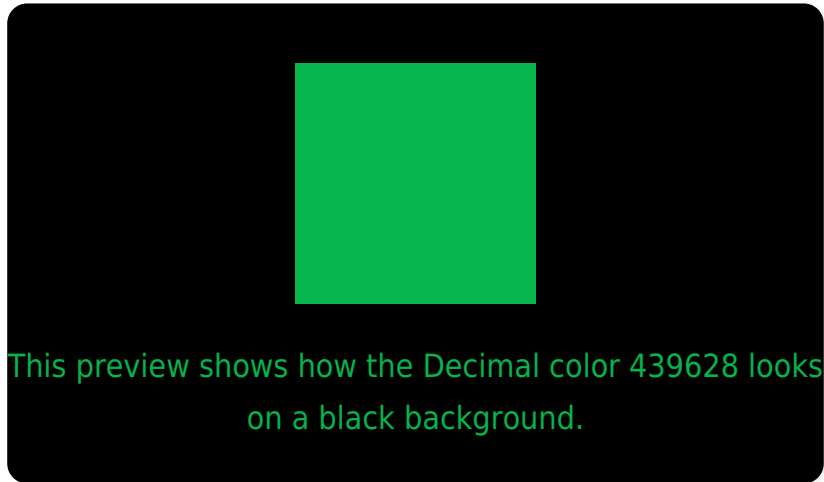
Large Text (above 18pt) WCAG AA × Fail

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 439628 Background



This preview shows how black text looks on a background with the Decimal color 439628.

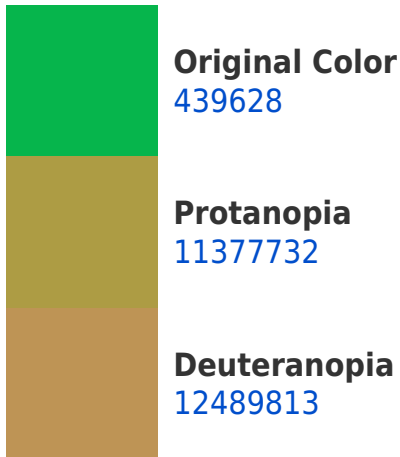



This preview shows how white text looks on a background with the Decimal color 439628.

# 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**  
4762296

# Trichromacy



**Original Color**  
439628



**Protanomaly**  
7382343



**Deuteranomaly**  
8101970



**Tritanomaly**  
3190417

# Monochromacy



**Original Color**  
439628



**Achromatopsia**  
7697781



**Achromatomaly**  
5082214

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 439628 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 #06B54C looks like.

```
.text, #text, p{  
    color:#06B54C  
}
```

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 #06B54C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B54C
}
```

## Border

The CSS property to change the border of an element to Decimal 439628 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
#06B54C }
```

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

```
.border{ border-color:#06B54C }
```

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

Here you see how a box with a 4 pixel #06B54C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B54C; -webkit-box-shadow:4px 4px  
4px 4px #06B54C; box-shadow:4px 4px 4px  
4px #06B54C }
```

# Background

The CSS property to change the background color of an element to Decimal 439628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B54C }
```

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

```
.background{ background-color:#06B54C }
```

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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