

# Converting Colors

Decimal(60490)

Have a look what the booklet for  
Decimal(60490) contains.

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# **Color**

**Decimal(60490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EC4A
RGB	0, 236, 74
RGB Percent	0%, 93%, 29%
CMY	1.0000, 0.0745, 0.7098
CMYK	1.00, 0.00, 0.69, 0.07
HSL	139°, 100%, 46%
HSV	139°, 100%, 93%
XYZ	31.2315, 60.4853, 16.5073
YIQ	146.9680, -88.6540, -100.4140

# Conversions

## Conversions Part 2

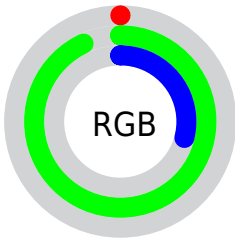
Format	Color
<a href="#">RYB</a>	<a href="#">0, 180, 236</a>
Decimal	<a href="#">60490</a>
CIELab	<a href="#">82.10, -77.82, 62.50</a>
CIELCh	<a href="#">82, 99.810, 141.233</a>
Yxy	<a href="#">60.4853, 0.2886, 0.5589</a>
Android (android.graphics.Color)	<a href="#">4278250570 (0xFF00EC4A)</a>
YUV	<a href="#">146.9680, -35.9732, -128.8909</a>
Hunter-Lab	<a href="#">77.7723, -64.4202, 41.8562</a>

# Details

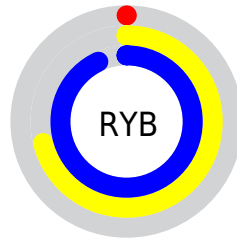
The Decimal color **60490** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **15466658**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7405442**, and **45568** is the 20% darker color. If you saturate the color by 10%, you get **60490**, and if you desaturate by 10%, it is **1633370**.

# Distribution



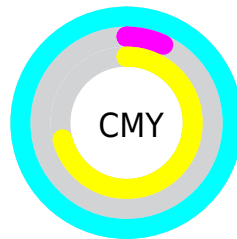
- Red (0%)
- Green (93%)
- Blue (29%)



- Red (0%)
- Yellow (71%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 60490 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 60490 by changing the saturation by 10% instead.





 60490

 1633370

 3140714

 4713595

 6220939

 7793819

 9366699

 10874043

 12446924

 13954268

# Harmonies

## Analogous

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



11983616



60490



62637

# Triad

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



60490



57599



16738191

# Complementary

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



60490



1546658

# Split Complementary

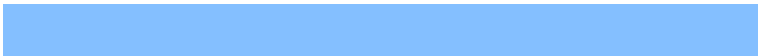
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16737260



60490



8699903

# Square

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



60490



61695



16748799



16749620

# Rectangle

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



60490



63214



16748799



16735917

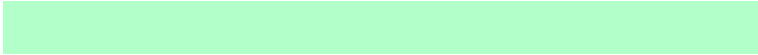


# Sweetspot

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



60490



11796426



10873856



5406816



0



8421504



# Same Dimension

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



60490



65360



60605



6976877



46393



13841



# Inverse Universe

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



15466658



16711855



15466543



7694962



11862140

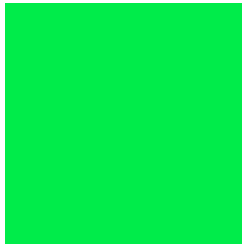


3538981



# Previews

## White Background



This preview shows how the Decimal color 60490 looks on a white background.

## Color Contrast Check

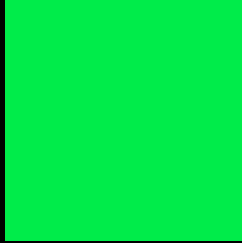
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 60490 looks on a 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 60490 Background



This preview shows how black text looks on a background with the Decimal color 60490.

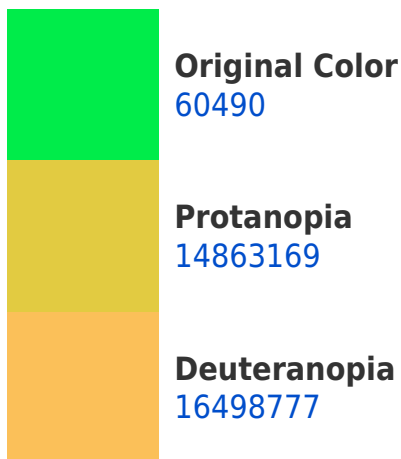


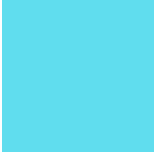
This preview shows how white text looks on a background with the Decimal color 60490.

# 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**  
6348270

# Trichromacy



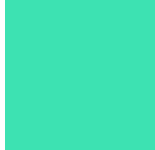
**Original Color**  
60490



**Protanomaly**  
9492292



**Deuteranomaly**  
10539092



**Tritanomaly**  
4055730

# Monochromacy



**Original Color**  
60490



**Achromatopsia**  
9671571



**Achromatomaly**  
6206328

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 60490 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 #00EC4A looks like.

```
.text, #text, p{  
    color:#00EC4A  
}
```

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 #00EC4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EC4A
}
```

## Border

The CSS property to change the border of an element to Decimal 60490 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
#00EC4A }
```

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

```
.border{ border-color:#00EC4A }
```

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

Here you see how a box with a 4 pixel #00EC4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EC4A; -webkit-box-shadow:4px 4px  
4px 4px #00EC4A; box-shadow:4px 4px 4px  
4px #00EC4A }
```

# Background

The CSS property to change the background color of an element to Decimal 60490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EC4A }
```

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

```
.background{ background-color:#00EC4A }
```

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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