

# Converting Colors

Decimal(47962)

Have a look what the booklet for  
Decimal(47962) contains.

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# **Color**

**Decimal(47962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BB5A
RGB	0, 187, 90
RGB Percent	0%, 73%, 35%
CMY	1.0000, 0.2667, 0.6471
CMYK	1.00, 0.00, 0.52, 0.27
HSL	149°, 100%, 37%
HSV	149°, 100%, 73%
XYZ	19.6158, 36.2788, 15.6415
YIQ	120.0290, -80.3150, -69.8110

# Conversions

## Conversions Part 2

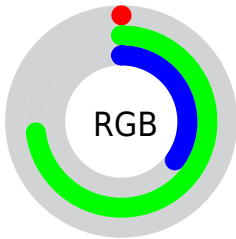
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 126, 187
Decimal	47962
CIELab	66.73, -61.13, 37.90
CIELCh	67, 71.921, 148.203
Yxy	36.2788, 0.2742, 0.5071
Android (android.graphics.Color)	4278238042 (0xFF00BB5A)
YUV	120.0290, -14.8043, -105.2654
Hunter-Lab	60.2319, -47.2736, 26.7654

# Details

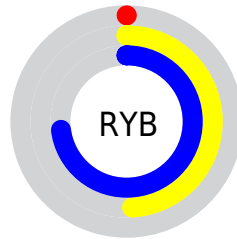
The Decimal color **47962** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **12255329**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **6419598**, and **33832** is the 20% darker color. If you saturate the color by 10%, you get **47962**, and if you desaturate by 10%, it is **1293156**.

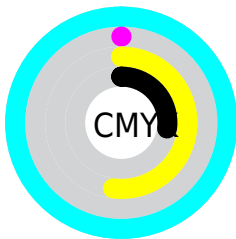
# Distribution



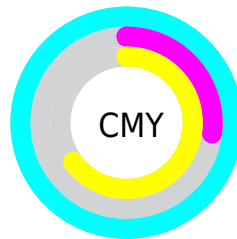
- Red (0%)
- Green (73%)
- Blue (35%)



- Red (0%)
- Yellow (49%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 47962 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 47962 by changing the saturation by 10% instead.



 47962	 47962
 16777215	 40769
 6419598	 33832
 8519593	 27150
 10485701	 20480
 12517345	 14336
 14483454	 7936
 16515071	 0

 47962

 1293156

 2472813

 3718007

 4963201

 6208394

 7388052

 8633246

 9878440

 11058097

# Harmonies

## Analogous

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



8761372



47962



49308

# Triad

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



47962



44031



16738665

# Complementary

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



47962



12255329

# 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.



16736425



47962



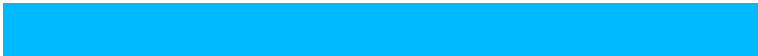
10064895

# Square

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



47962



47871



15496680



16155696

# Rectangle

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



47962



49353



15496680



16737150

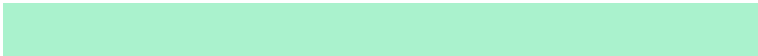


# Sweetspot

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



47962



11203277



6601472



5143140



16448250



8026746



# Same Dimension

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



47962



62069



48053



5594713



40524



7951



# Inverse Universe

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



12255329



15859838



12255238



6182234



10354770



2031632



# Previews

## White Background



This preview shows how the Decimal color 47962 looks on a white background.

## Color Contrast Check

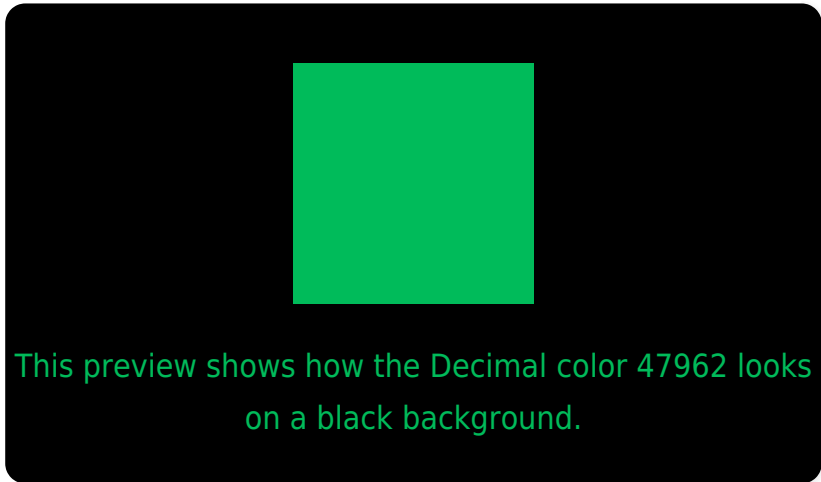
Large Text (above 18pt) WCAG AA × Fail

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 47962 Background



This preview shows how black text looks on a background with the Decimal color 47962.



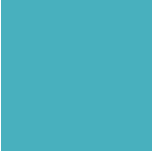
This preview shows how white text looks on a background with the Decimal color 47962.

# 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](#).

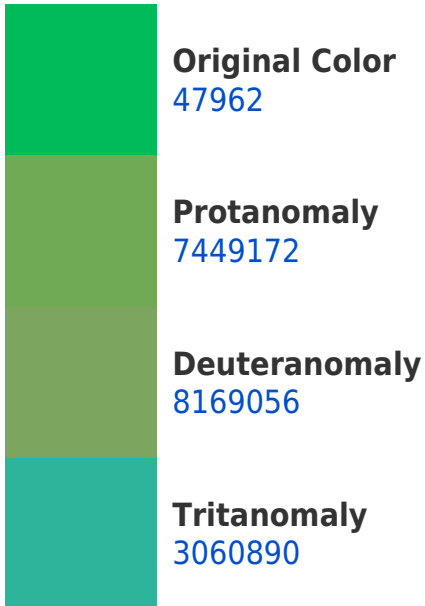
## Dichromacy



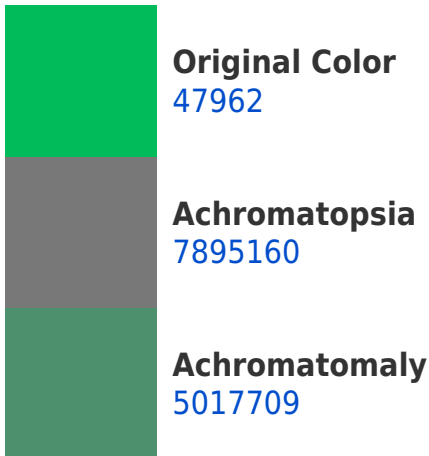


**Tritanopia**  
4763838

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 47962 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 #00BB5A looks like.

```
.text, #text, p{  
  color:#00BB5A  
}
```

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 #00BB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BB5A
}
```

## Border

The CSS property to change the border of an element to Decimal 47962 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
#00BB5A }
```

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

```
.border{ border-color:#00BB5A }
```

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

Here you see how a box with a 4 pixel #00BB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BB5A; -webkit-box-shadow:4px 4px  
4px 4px #00BB5A; box-shadow:4px 4px 4px  
4px #00BB5A }
```

# Background

The CSS property to change the background color of an element to Decimal 47962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BB5A }
```

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

```
.background{ background-color:#00BB5A }
```

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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