

# Converting Colors

Decimal(37193)

Have a look what the booklet for  
Decimal(37193) contains.

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# Color

**Decimal(37193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009149
RGB	0, 145, 73
RGB Percent	0%, 57%, 29%
CMY	1.0000, 0.4314, 0.7137
CMYK	1.00, 0.00, 0.50, 0.43
HSL	150°, 100%, 28%
HSV	150°, 100%, 57%
XYZ	11.3280, 20.7318, 9.7079
YIQ	93.4370, -63.3080, -53.1320

# Conversions

## Conversions Part 2

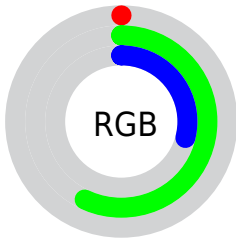
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 145
Decimal	37193
CIELab	52.65, -49.87, 29.02
CIELCh	53, 57.696, 149.800
Yxy	20.7318, 0.2712, 0.4964
Android (android.graphics.Color)	4278227273 (0xFF009149)
YUV	93.4370, -10.0754, -81.9442
Hunter-Lab	45.5322, -35.2722, 19.2313

# Details

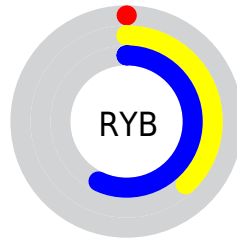
The Decimal color **37193** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9502792**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5556347**, and **23834** is the 20% darker color. If you saturate the color by 10%, you get **37193**, and if you desaturate by 10%, it is **954704**.

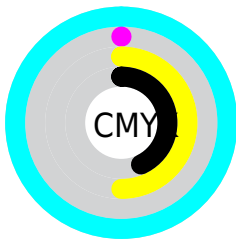
# Distribution



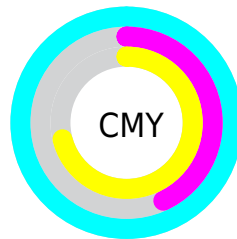
- Red (0%)
- Green (57%)
- Blue (29%)



- Red (0%)
- Yellow (38%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 37193 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 37193 by changing the saturation by 10% instead.



 37193  37193


16777215  30513

 5556347  23834

 7529877  17410

 9437104  11776

 11337676  4352

 13238248  0

 15204351

 37193

 954704

■ 1937751

■ 2920799

■ 3838310

■ 4821357

■ 5738868

■ 6721915

■ 7639427

■ 8622474

# Harmonies

## Analogous

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



6654236



37193



38268

# Triad

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



37193



34017



13849679

# Complementary

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



37193



9502792

# 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.



13913216



37193



8090068

# Square

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



37193



36819



12147376



12347429

# Rectangle

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



37193



38302



12147376



14045023



# Sweetspot

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



37193



8699297



4821248



3956301



14606046



6184542



# Same Dimension

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



37193



48479



37265



4212548



34628



2052



# Inverse Universe

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



9502792



12386398



9502720



4669508



8847427



524292



# Previews

## White Background



This preview shows how the Decimal color 37193 looks on a white background.

## Color Contrast Check

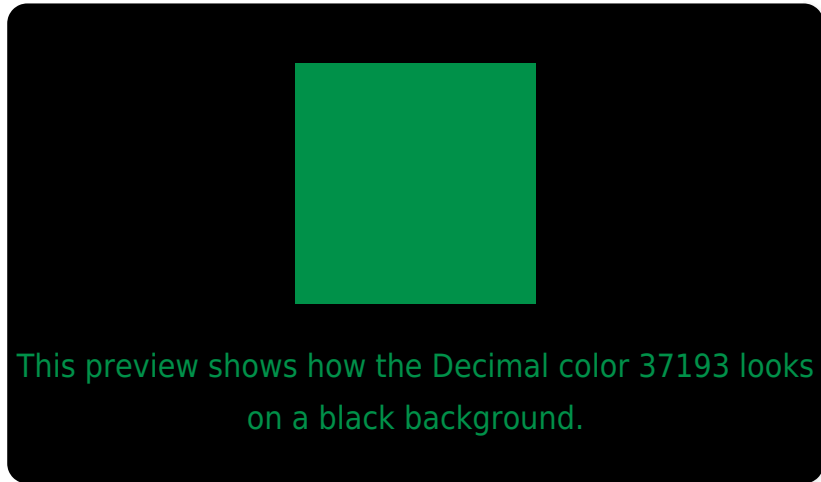
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 37193 Background



This preview shows how black text looks on a background with the Decimal color 37193.



This preview shows how white text looks on a background with the Decimal color 37193.

# 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



**Original Color**  
37193

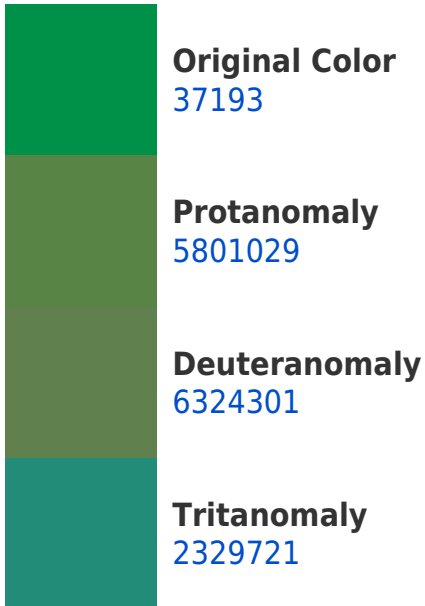
**Protanopia**  
9076034

**Deuteranopia**  
9926479

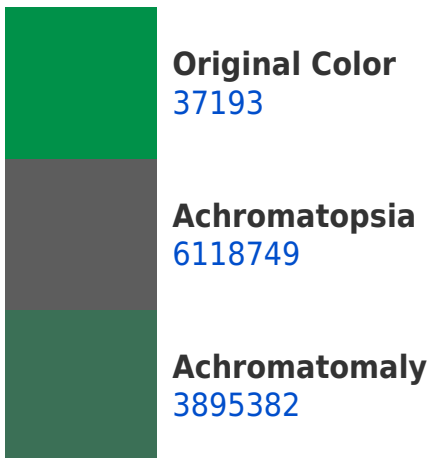


**Tritanopia**  
3639700

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 37193 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 #009149 looks like.

```
.text, #text, p{  
    color:#009149  
}
```

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 #009149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009149
}
```

## Border

The CSS property to change the border of an element to Decimal 37193 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
#009149 }
```

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

```
.border{ border-color:#009149 }
```

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

Here you see how a box with a 4 pixel #009149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009149; -webkit-box-shadow:4px 4px  
4px 4px #009149; box-shadow:4px 4px 4px  
4px #009149 }
```

# Background

The CSS property to change the background color of an element to Decimal 37193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009149 }
```

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

```
.background{ background-color:#009149 }
```

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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