

# Converting Colors

Decimal(5149488)

Have a look what the booklet for  
Decimal(5149488) contains.

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**Color**

**Decimal(5149488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E9330
RGB	78, 147, 48
RGB Percent	31%, 58%, 19%
CMY	0.6941, 0.4235, 0.8118
CMYK	0.47, 0.00, 0.67, 0.42
HSL	102°, 51%, 38%
HSV	102°, 67%, 58%
XYZ	14.1091, 22.7005, 6.4343
YIQ	115.0830, -9.3450, -45.4170

# Conversions

## Conversions Part 2

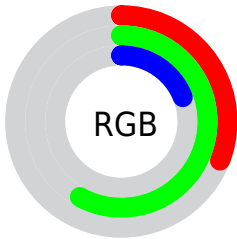
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 147, 117
Decimal	5149488
CIELab	54.76, -40.27, 44.10
CIELCh	55, 59.721, 132.398
Yxy	22.7005, 0.3263, 0.5249
Android (android.graphics.Color)	4283339568 (0xFF4E9330)
YUV	115.0830, -33.0719, -32.5218
Hunter-Lab	47.6451, -30.5198, 25.3446

# Details

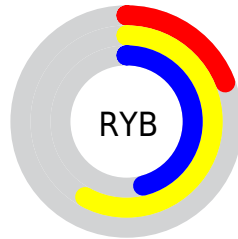
The Decimal color **5149488** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7680147**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **8702563**, and **1204224** is the 20% darker color. If you saturate the color by 10%, you get **4494113**, and if you desaturate by 10%, it is **5804863**.

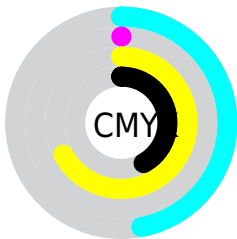
# Distribution



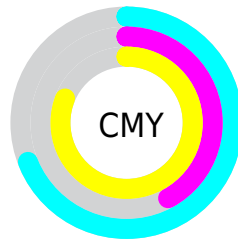
- Red (31%)
- Green (58%)
- Blue (19%)



- Red (19%)
- Yellow (58%)
- Blue (46%)



- Cyan (47%)
- Magenta (0%)
- Yellow (67%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5149488 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 5149488 by changing the saturation by 10% instead.





5149488



5149488

16777215



3307797



8702563



1204224



10544765



18176



12386200



12288



14286771



6400



16187343



0



16777196



5149488



5149488



4494113



5804863

■ 3838739

■ 6460237

■ 3117828

■ 7181148

■ 2986752

■ 7836523

■ 8491898

■ 9147272

■ 9868183

■ 10523558

■ 11178932

# Harmonies

## Analogous

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



9012997



5149488



39266

# Triad

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



5149488



37350



14700656

# Complementary

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



5149488



7680147

# 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.



13653668



5149488



3900137

# Square

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



5149488



39368



10578896



13983551

# Rectangle

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



5149488



39814



10578896



14569345



# Sweetspot

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



5149488



10862489



9663536



5333322



14737632



6381921



# Same Dimension

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



5149488



5488420



3183426



4540995



2787840



199168



# Inverse Universe

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



7680147



9446591



9646209



4735818



6291594



458762



# Previews

## White Background



This preview shows how the Decimal color 5149488 looks on a white background.

## Color Contrast Check

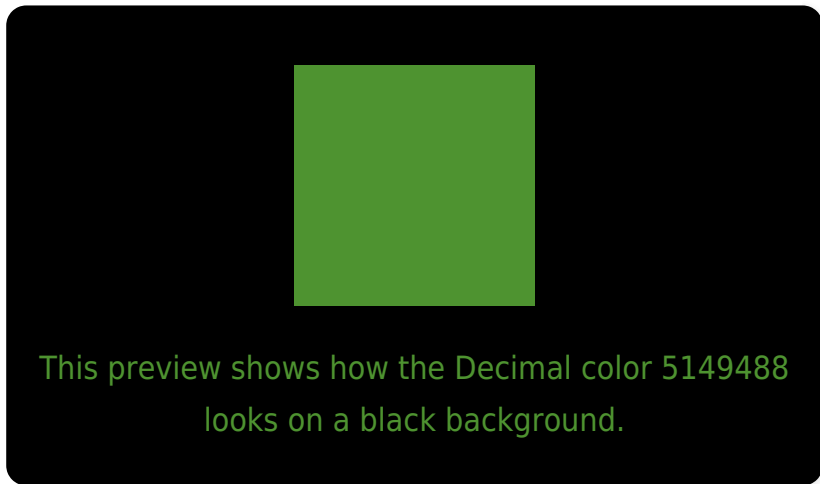
Large Text (above 18pt) WCAG AA ✓ Pass

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

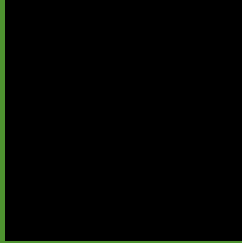
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5149488 Background



This preview shows how black text looks on a background with the Decimal color 5149488.



This preview shows how white text looks on a background with the Decimal color 5149488.

# 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**  
5149488

**Protanopia**  
9601836

**Deuteranopia**  
10648632

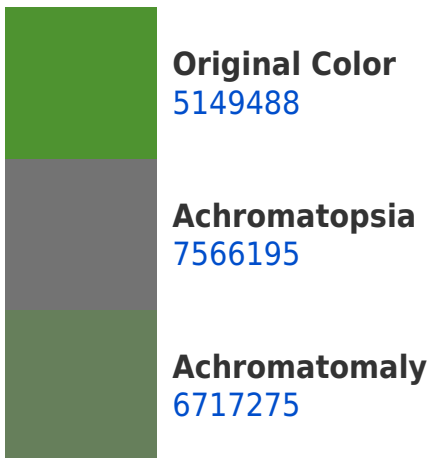


**Tritanopia**  
6261140

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5149488 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 #4E9330 looks like.

```
.text, #text, p{  
    color:#4E9330  
}
```

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 #4E9330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9330
}
```

## Border

The CSS property to change the border of an element to Decimal 5149488 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
#4E9330 }
```

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

```
.border{ border-color:#4E9330 }
```

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

Here you see how a box with a 4 pixel #4E9330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9330; -webkit-box-shadow:4px 4px  
4px 4px #4E9330; box-shadow:4px 4px 4px  
4px #4E9330 }
```

# Background

The CSS property to change the background color of an element to Decimal 5149488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9330 }
```

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

```
.background{ background-color:#4E9330 }
```

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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