

# Converting Colors

Decimal(5286990)

Have a look what the booklet for  
Decimal(5286990) contains.

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# **Color**

**Decimal(5286990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50AC4E
RGB	80, 172, 78
RGB Percent	31%, 67%, 31%
CMY	0.6863, 0.3255, 0.6941
CMYK	0.53, 0.00, 0.55, 0.33
HSL	119°, 38%, 49%
HSV	119°, 55%, 67%
XYZ	19.4359, 31.7606, 12.3138
YIQ	133.7760, -24.6580, -48.7380

# Conversions

## Conversions Part 2

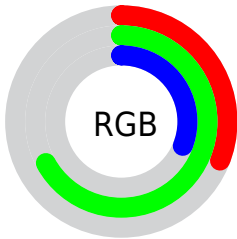
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">78, 172, 170</a>
Decimal	<a href="#">5286990</a>
CIELab	<a href="#">63.14, -46.57, 39.74</a>
CIELCh	<a href="#">63, 61.218, 139.524</a>
Yxy	<a href="#">31.7606, 0.3060, 0.5001</a>
Android (android.graphics.Color)	<a href="#">4283477070 (0xFF50AC4E)</a>
YUV	<a href="#">133.7760, -27.4976, -47.1616</a>
Hunter-Lab	<a href="#">56.3565, -37.0638, 26.4949</a>

# Details

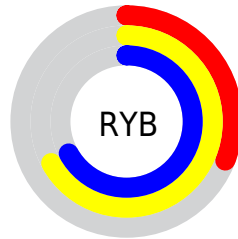
The Decimal color **5286990** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11161260**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8971393**, and **620316** is the 20% darker color. If you saturate the color by 10%, you get **4172861**, and if you desaturate by 10%, it is **6401119**.

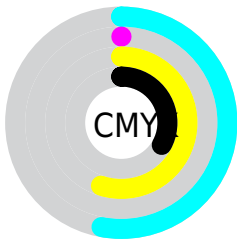
# Distribution



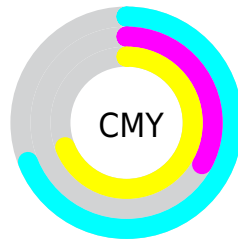
- Red (31%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (67%)



- Cyan (53%)
- Magenta (0%)
- Yellow (55%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5286990 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 5286990 by changing the saturation by 10% instead.



 5286990


 5286990

16777215

 3313973

 8971393

 620316

 10878876

 23808

 12713911

 17664

 14614484

 11776

 16580592

 4864

 0

 5286990

 5286990

 4172861

 6401119

 3058732

 7515248

 1944602

 8629378

 896009

 9677971

 306176

 10792100

 11906229

 13020358

 14134488

 15248617

# Harmonies

## Analogous

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



9675046



5286990



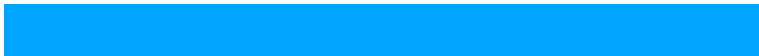
45699

# Triad

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



5286990



42495



16541816

# Complementary

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



5286990



11161260

# 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.



15886510



5286990



7770879

# Square

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



5286990



45035



13138912



15366471

# Rectangle

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



5286990



45993



13138912



16541066



# Sweetspot

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



5286990



12443836



11315534



5992539



15790320



7368816



# Same Dimension

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



5286990



5234764



5155962



5134158



235008



5888



# Inverse Universe

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



11161260



14503136



11292288



5721687



9633942



1441815



# Previews

## White Background



This preview shows how the Decimal color 5286990 looks on a white background.

## Color Contrast Check

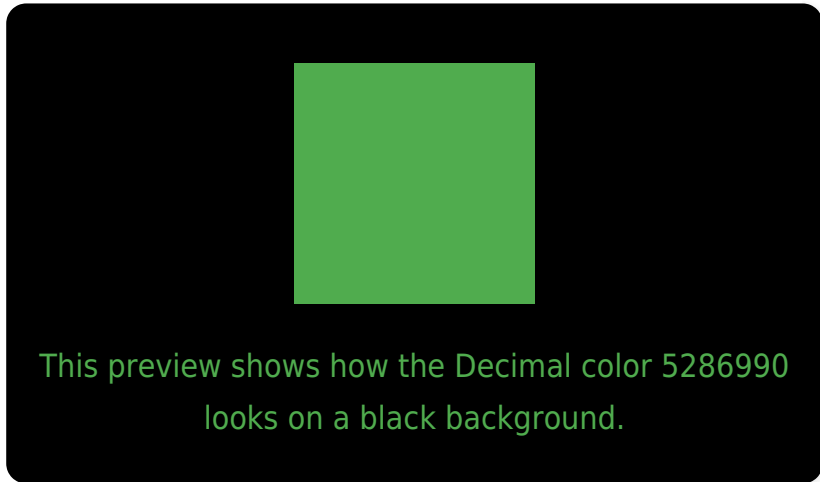
Large Text (above 18pt) WCAG AA × Fail

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

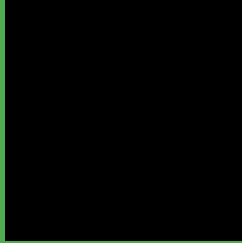
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5286990 Background



This preview shows how black text looks on a background with the Decimal color 5286990.



This preview shows how white text looks on a background with the Decimal color 5286990.

# 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





# Trichromacy



**Original Color**  
5286990



**Protanomaly**  
8953674



**Deuteranomaly**  
9673554



**Tritanomaly**  
6137484

# Monochromacy



**Original Color**  
5286990



**Achromatopsia**  
8816262



**Achromatomaly**  
7509106

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5286990 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 #50AC4E looks like.

```
.text, #text, p{  
    color:#50AC4E  
}
```

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 #50AC4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50AC4E
}
```

## Border

The CSS property to change the border of an element to Decimal 5286990 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
#50AC4E }
```

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

```
.border{ border-color:#50AC4E }
```

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

Here you see how a box with a 4 pixel #50AC4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50AC4E; -webkit-box-shadow:4px 4px  
4px 4px #50AC4E; box-shadow:4px 4px 4px  
4px #50AC4E }
```

# Background

The CSS property to change the background color of an element to Decimal 5286990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50AC4E }
```

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

```
.background{ background-color:#50AC4E }
```

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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