

Converting Colors

Decimal(4176471)

Have a look what the booklet for
Decimal(4176471) contains.

Decimal(4176471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4176471)

Conversions

Conversions Part 1

Format	Color
Hex	3FBA57
RGB	63, 186, 87
RGB Percent	25%, 73%, 34%
CMY	0.7529, 0.2706, 0.6588
CMYK	0.66, 0.00, 0.53, 0.27
HSL	132°, 49%, 49%
HSV	132°, 66%, 73%
XYZ	21.3291, 36.8627, 15.0079
YIQ	137.9370, -41.5290, -56.8650

Conversions

Conversions Part 2

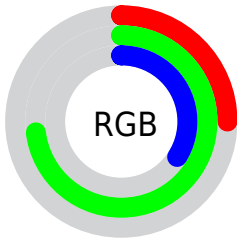
Format	Color
RYB	63, 166, 186
Decimal	4176471
CIELab	67.17, -54.67, 40.09
CIELCh	67, 67.792, 143.744
Yxy	36.8627, 0.2914, 0.5036
Android (android.graphics.Color)	4282366551 (0xFF3FBA57)
YUV	137.9370, -25.1119, -65.7197
Hunter-Lab	60.7147, -43.5435, 27.8445

Details

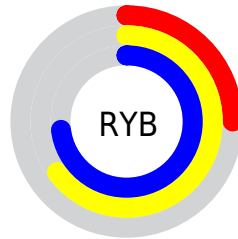
The Decimal color **4176471** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **12205986**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **8188811**, and **33829** is the 20% darker color. If you saturate the color by 10%, you get **2931272**, and if you desaturate by 10%, it is **5421670**.

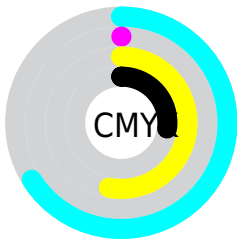
Distribution



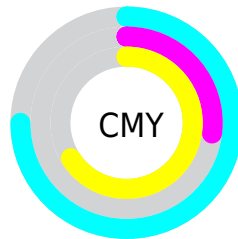
- Red (25%)
- Green (73%)
- Blue (34%)



- Red (25%)
- Yellow (65%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (53%)
- Black (27%)



- Cyan (75%)
- Magenta (27%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4176471 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 4176471 by changing the saturation by 10% instead.

 4176471


 4176471

16777215

 1416766

 8188811

 33829

 10157990

 26888

 12058562

 20480

 14024670


 14336

 15990779

 8448

 0

 4176471

 4176471

 2931272

 5421670

■ 1751609

■ 6601333

■ 506410

■ 7846532

■ 47652

■ 9026195

■ 10271394

■ 11516593

■ 12696256

■ 13941455

■ 15121118

Harmonies

Analogous

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



9678628



4176471



49044

Triad

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



4176471



44799



16739702

Complementary

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



4176471



12205986

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.



16738739



4176471



9148927

Square

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



4176471



48127



14777837



16352065

Rectangle

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



4176471



49343



14777837



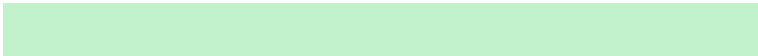
16738698

Sweetspot

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



4176471



12776139



10730047



6126179



16448250



8026746

Same Dimension

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



4176471



3404376



4176531



5463124



39966



7173

Inverse Universe

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



12205986



15872973



12205926



6050650



10223741



1835031

Previews

White Background



This preview shows how the Decimal color 4176471 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 4176471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

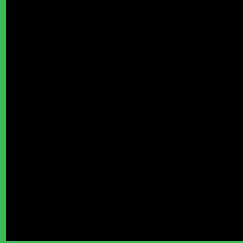
Any Text WCAG AA ✓ Pass

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 4176471 Background



This preview shows how black text looks on a background with the Decimal color 4176471.

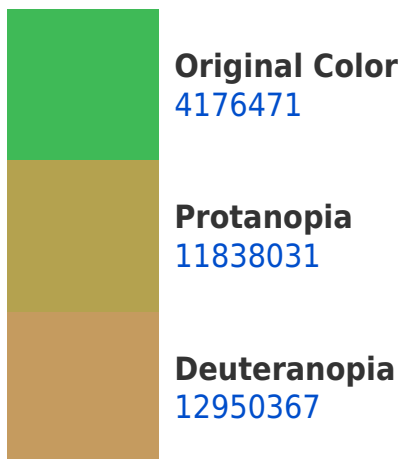


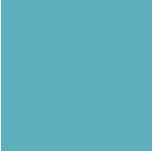
This preview shows how white text looks on a background with the Decimal color 4176471.

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
6139837

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4176471 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 #3FBA57 looks like.

```
.text, #text, p{  
  color:#3FBA57  
}
```

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 #3FBA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBA57
}
```

Border

The CSS property to change the border of an element to Decimal 4176471 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
#3FBA57 }
```

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

```
.border{ border-color:#3FBA57 }
```

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

Here you see how a box with a 4 pixel #3FBA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBA57; -webkit-box-shadow:4px 4px  
4px 4px #3FBA57; box-shadow:4px 4px 4px  
4px #3FBA57 }
```

Background

The CSS property to change the background color of an element to Decimal 4176471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBA57 }
```

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

```
.background{ background-color:#3FBA57 }
```

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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