

Converting Colors

Decimal(4176248)

Have a look what the booklet for
Decimal(4176248) contains.

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Color

Decimal(4176248)

Conversions

Conversions Part 1

Format	Color
Hex	3FB978
RGB	63, 185, 120
RGB Percent	25%, 73%, 47%
CMY	0.7529, 0.2745, 0.5294
CMYK	0.66, 0.00, 0.35, 0.27
HSL	148°, 49%, 49%
HSV	148°, 66%, 73%
XYZ	22.7890, 37.1108, 23.7313
YIQ	141.1120, -51.8470, -46.0790

Conversions

Conversions Part 2

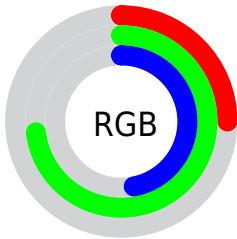
Format	Color
RYB	63, 146, 185
Decimal	4176248
CIELab	67.36, -48.69, 23.36
CIELCh	67, 54.004, 154.365
Yxy	37.1108, 0.2725, 0.4437
Android (android.graphics.Color)	4282366328 (0xFF3FB978)
YUV	141.1120, -10.4082, -68.5042
Hunter-Lab	60.9186, -39.8325, 19.5462

Details

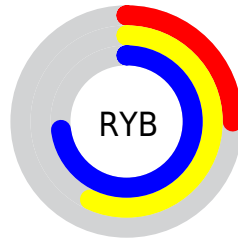
The Decimal color **4176248** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **12140416**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **8188589**, and **33607** is the 20% darker color. If you saturate the color by 10%, you get **2996590**, and if you desaturate by 10%, it is **5421442**.

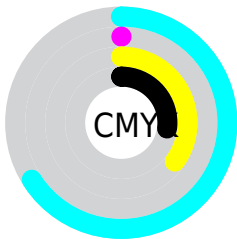
Distribution



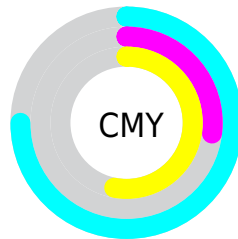
- Red (25%)
- Green (73%)
- Blue (47%)



- Red (25%)
- Yellow (57%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)



- Cyan (75%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4176248 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 4176248 by changing the saturation by 10% instead.



4176248



4176248

16777215



1547871



8188589



33607



10092488



26928



11993060



20505



13959167



14081



15859711



8448



0



4176248



4176248



2996590



5421442

■ 1751396

■ 6601100

■ 571738

■ 7846294

■ 47446

■ 9025951

■ 10271145

■ 11450803

■ 12695997

■ 13875655

■ 15055313

Harmonies

Analogous

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



8827216



4176248



48298

Triad

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



4176248



5548031



16417136

Complementary

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



4176248



12140416

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.



16611743



4176248



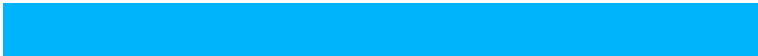
11572469

Square

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



4176248



46331



15041231



14783052

Rectangle

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



4176248



48331



15041231



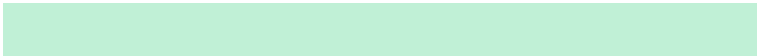
16678271

Sweetspot

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



4176248



12644566



8436031



5994601



16250871



7895160

Same Dimension

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



4176248



3338379



4176309



5463127



40009



7181

Inverse Universe

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



12140416



15741591



12140355



6050648



10223699



1835023

Previews

White Background



This preview shows how the Decimal color 4176248 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 4176248 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 4176248 Background



This preview shows how black text looks on a background with the Decimal color 4176248.

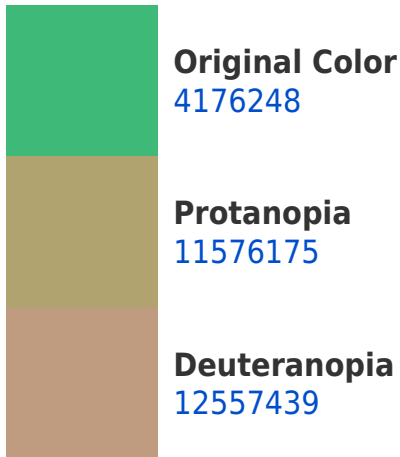


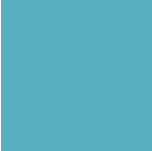
This preview shows how white text looks on a background with the Decimal color 4176248.

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](#).

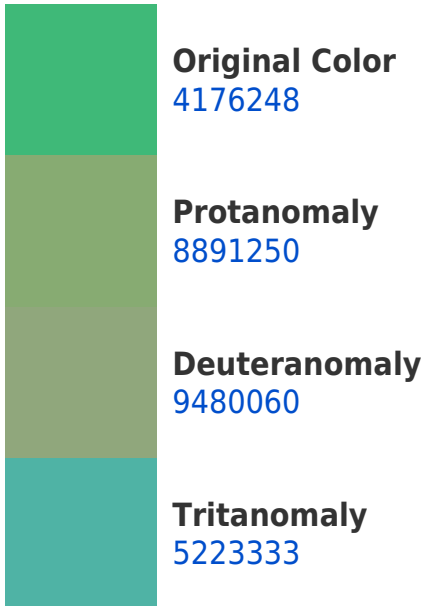
Dichromacy





Tritanopia
5812415

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4176248 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 #3FB978 looks like.

```
.text, #text, p{  
    color:#3FB978  
}
```

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 #3FB978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB978
}
```

Border

The CSS property to change the border of an element to Decimal 4176248 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
#3FB978 }
```

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

```
.border{ border-color:#3FB978 }
```

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

Here you see how a box with a 4 pixel #3FB978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB978; -webkit-box-shadow:4px 4px  
4px 4px #3FB978; box-shadow:4px 4px 4px  
4px #3FB978 }
```

Background

The CSS property to change the background color of an element to Decimal 4176248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB978 }
```

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

```
.background{ background-color:#3FB978 }
```

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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