

# Converting Colors

Decimal(4180629)

Have a look what the booklet for  
Decimal(4180629) contains.

<b>Decimal(4180629)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(4180629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FCA95
RGB	63, 202, 149
RGB Percent	25%, 79%, 58%
CMY	0.7529, 0.2078, 0.4157
CMYK	0.69, 0.00, 0.26, 0.21
HSL	157°, 57%, 52%
HSV	157°, 69%, 79%
XYZ	28.5952, 45.4677, 35.7028
YIQ	154.3970, -65.8310, -45.9510

# Conversions

## Conversions Part 2

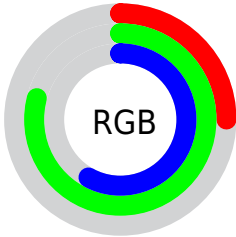
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 149, 202
Decimal	4180629
CIELab	73.20, -49.44, 15.88
CIELCh	73, 51.930, 162.198
Yxy	45.4677, 0.2605, 0.4142
Android (android.graphics.Color)	4282370709 (0xFF3FCA95)
YUV	154.3970, -2.6607, -80.1552
Hunter-Lab	67.4298, -42.3048, 15.8079

# Details

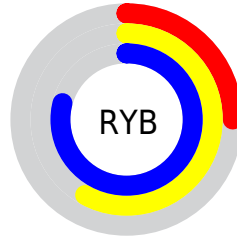
The Decimal color **4180629** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13254516**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **8388555**, and **37730** is the 20% darker color. If you saturate the color by 10%, you get **2869901**, and if you desaturate by 10%, it is **5491357**.

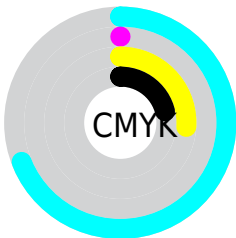
# Distribution



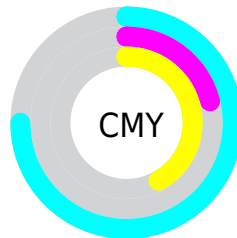
- Red (25%)
- Green (79%)
- Blue (58%)



- Red (25%)
- Yellow (58%)
- Blue (79%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4180629 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 4180629 by changing the saturation by 10% instead.





4180629



4180629

16777215



962171



8388555



37730



10354663



30794



12320767



24371



14286847



17950



16252927



12038



4864



0



4180629



4180629

■ 2869901

■ 5491357

■ 1559174

■ 6802084

■ 182910

■ 8178348

■ 51837

■ 9489076

■ 10799804

■ 12110531

■ 13421259

■ 14797523

■ 16108250

# Harmonies

## Analogous

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



9028459



4180629



52422

# Triad

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



4180629



8893183



16750198

# Complementary

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



4180629



13254516

# 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.



16747682



4180629



13738235

# Square

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



4180629



49663



16617682



15247192

# Rectangle

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



4180629



52197



16617682



16748932

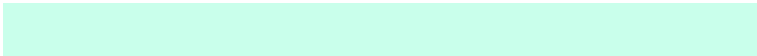


# Sweetspot

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



4180629



13238251



7653951



6324339



0



8421504



# Same Dimension

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



4180629



2883502



4176586



6055522



42599



9752



# Inverse Universe

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



13254516



16722812



13258559



6708320



10879039

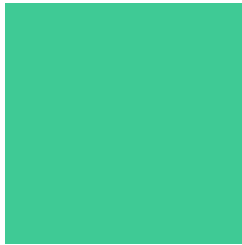


2490383



# Previews

## White Background



This preview shows how the Decimal color 4180629 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 4180629 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 4180629 Background



This preview shows how black text looks on a background with the Decimal color 4180629.

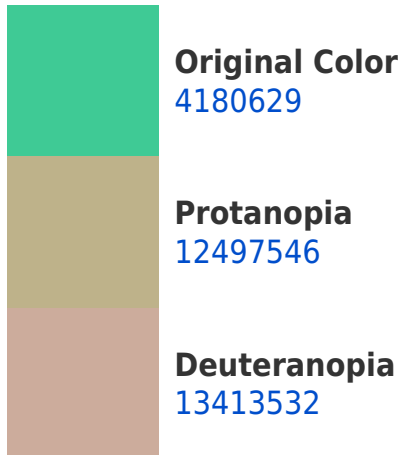


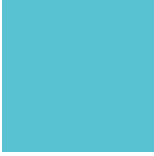
This preview shows how white text looks on a background with the Decimal color 4180629.

# 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





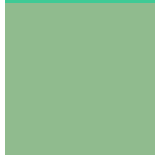
**Tritanopia**  
5817042

# Trichromacy



**Original Color**

4180629



**Protanomaly**

9485198



**Deuteranomaly**

10074009



**Tritanomaly**

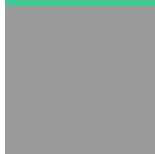
5227964

# Monochromacy



**Original Color**

4180629



**Achromatopsia**

10132122



**Achromatomaly**

7973784

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4180629 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 #3FCA95 looks like.

```
.text, #text, p{  
  color:#3FCA95  
}
```

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 #3FCA95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FCA95
}
```

## Border

The CSS property to change the border of an element to Decimal 4180629 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
#3FCA95 }
```

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

```
.border{ border-color:#3FCA95 }
```

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

Here you see how a box with a 4 pixel #3FCA95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FCA95; -webkit-box-shadow:4px 4px  
4px 4px #3FCA95; box-shadow:4px 4px 4px  
4px #3FCA95 }
```

# Background

The CSS property to change the background color of an element to Decimal 4180629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FCA95 }
```

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

```
.background{ background-color:#3FCA95 }
```

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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