

# Converting Colors

Decimal(1033628)

Have a look what the booklet for  
Decimal(1033628) contains.

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# **Color**

**Decimal(1033628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FC59C
RGB	15, 197, 156
RGB Percent	6%, 77%, 61%
CMY	0.9412, 0.2275, 0.3882
CMYK	0.92, 0.00, 0.21, 0.23
HSL	166°, 86%, 42%
HSV	166°, 92%, 77%
XYZ	26.1640, 42.4344, 38.2642
YIQ	137.9080, -95.3110, -51.3350

# Conversions

## Conversions Part 2

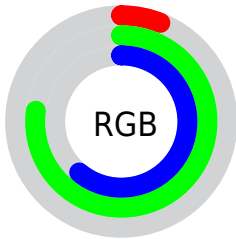
Format	Color
<a href="#">RYB</a>	<a href="#">15, 118, 197</a>
Decimal	<a href="#">1033628</a>
CIELab	<a href="#">71.17, -50.47, 9.16</a>
CIElCh	<a href="#">71, 51.298, 169.719</a>
Yxy	<a href="#">42.4344, 0.2448, 0.3971</a>
Android (android.graphics.Color)	<a href="#">4279223708</a> ( <a href="#">0xFF0FC59C</a> )
YUV	<a href="#">137.9080, 8.9194, -107.7903</a>
Hunter-Lab	<a href="#">65.1417, -42.3038, 10.7723</a>

# Details

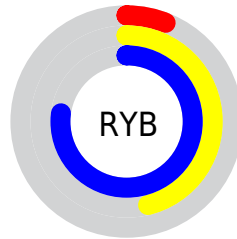
The Decimal color **1033628** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **12914488**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **6815698**, and **36457** is the 20% darker color. If you saturate the color by 10%, you get **50585**, and if you desaturate by 10%, it is **2344352**.

# Distribution



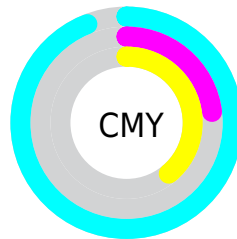
- Red (6%)
- Green (77%)
- Blue (61%)



- Red (6%)
- Yellow (46%)
- Blue (77%)



- Cyan (92%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (94%)
- Magenta (23%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1033628 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 1033628 by changing the saturation by 10% instead.



 1033628

 1033628

16777215

 43394

 6815698

 36457

 8912879

 29777

 10944511

 23098

 12976127

 16676

 15007743

 11023

 2048

 0

 1033628

 1033628

■ 50585

■ 2344352

■ 3589541

■ 4900265

■ 6210990

■ 7521714

■ 8766903

■ 10077627

■ 11388352

■ 12633540

# Harmonies

## Analogous

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



7716976



1033628



50892

# Triad

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



1033628



10004735



16291177

# Complementary

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



1033628



12914488

# 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.



16746641



1033628



14194411

# Square

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



1033628



1947903



16615872



14198352

# Rectangle

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



1033628



50409



16615872



16748661

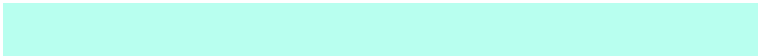


# Sweetspot

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



1033628



12124143



3785999



5537910



0



8421504



# Same Dimension

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



1033628



65478



1021125



5923681



41854



9244



# Inverse Universe

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



12914488



16711737



12926991



6511196



10682405

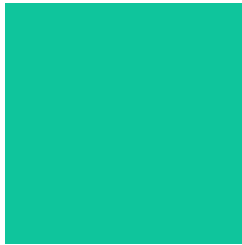


2359304



# Previews

## White Background



This preview shows how the Decimal color 1033628 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 1033628 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 1033628 Background



This preview shows how black text looks on a background with the Decimal color 1033628.



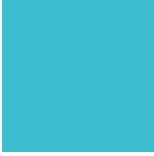
This preview shows how white text looks on a background with the Decimal color 1033628.

# 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**  
4046542

# Trichromacy



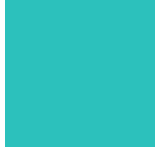
**Original Color**  
1033628



**Protanomaly**  
7976340



**Deuteranomaly**  
8434336



**Tritanomaly**  
2933180

# Monochromacy



**Original Color**  
1033628



**Achromatopsia**  
9079434



**Achromatomaly**  
6135697

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1033628 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 #0FC59C looks like.

```
.text, #text, p{  
  color:#0FC59C  
}
```

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 #0FC59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC59C
}
```

## Border

The CSS property to change the border of an element to Decimal 1033628 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
#0FC59C }
```

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

```
.border{ border-color:#0FC59C }
```

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

Here you see how a box with a 4 pixel #0FC59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC59C; -webkit-box-shadow:4px 4px  
4px 4px #0FC59C; box-shadow:4px 4px 4px  
4px #0FC59C }
```

# Background

The CSS property to change the background color of an element to Decimal 1033628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC59C }
```

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

```
.background{ background-color:#0FC59C }
```

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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