

Converting Colors

Decimal(2993295)

Have a look what the booklet for
Decimal(2993295) contains.

Decimal(2993295)	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(2993295)

Conversions

Conversions Part 1

Format	Color
Hex	2DAC8F
RGB	45, 172, 143
RGB Percent	18%, 67%, 56%
CMY	0.8235, 0.3255, 0.4392
CMYK	0.74, 0.00, 0.17, 0.33
HSL	166°, 59%, 43%
HSV	166°, 74%, 67%
XYZ	20.7926, 32.0461, 31.0762
YIQ	130.7210, -66.3830, -35.9430

Conversions

Conversions Part 2

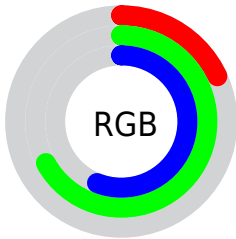
Format	Color
RYB	45, 117, 172
Decimal	2993295
CIELab	63.38, -40.89, 5.18
CIElCh	63, 41.214, 172.774
Yxy	32.0461, 0.2478, 0.3819
Android (android.graphics.Color)	4281183375 (0xFF2DAC8F)
YUV	130.7210, 6.0535, -75.1773
Hunter-Lab	56.6093, -33.5030, 7.0787

Details

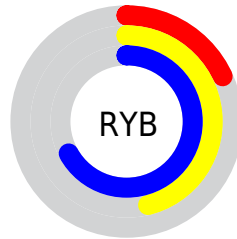
The Decimal color **2993295** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11283786**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **7267525**, and **30557** is the 20% darker color. If you saturate the color by 10%, you get **1879179**, and if you desaturate by 10%, it is **4107411**.

Distribution



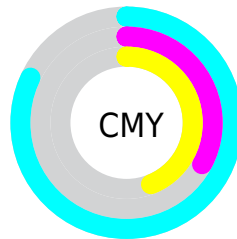
- Red (18%)
- Green (67%)
- Blue (56%)



- Red (18%)
- Yellow (46%)
- Blue (67%)



- Cyan (74%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2993295 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 2993295 by changing the saturation by 10% instead.

 2993295

 2993295

16777215


 37237

 7267525

 30557

 9175009

 23877

 11141117

 17711

 13041663

 11802

 15007743

 5120

 0

 2993295

 2993295

 1879179

 4107411

■ 765063

■ 5221527

■ 44165

■ 6401179

■ 7515295

■ 8629411

■ 9743527

■ 10857642

■ 12037294

■ 13151410

Harmonies

Analogous

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



6924396



2993295



44213

Triad

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



2993295



9409501



13862752

Complementary

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



2993295



11283786

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.



14646655



2993295



12551878

Square

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



2993295



4890850



14318756



12096592

Rectangle

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



2993295



43722



14318756



14254953

Sweetspot

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



2993295



11526357



4959277



5468266



15790320



7368816

Same Dimension

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



2993295



1695923



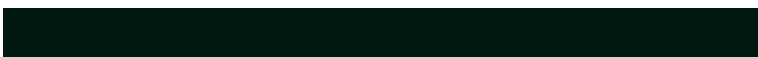
2984620



5134165



38516



5906

Inverse Universe

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



11283786



14686534



11292461



5721680



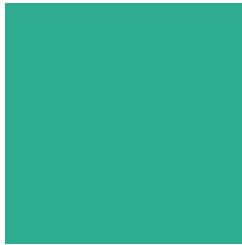
9830434



1507333

Previews

White Background



This preview shows how the Decimal color 2993295 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 2993295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

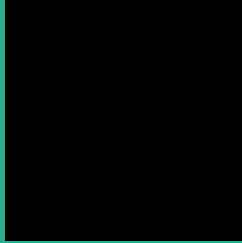
Any Text WCAG AA ✓ Pass

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 2993295 Background



This preview shows how black text looks on a background with the Decimal color 2993295.



This preview shows how white text looks on a background with the Decimal color 2993295.

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
4302772

Trichromacy



Original Color
2993295



Protanomaly
7774088



Deuteranomaly
8101010



Tritanomaly
3844519

Monochromacy



Original Color
2993295



Achromatopsia
8618883



Achromatomaly
6591111

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2993295 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 #2DAC8F looks like.

```
.text, #text, p{  
    color:#2DAC8F  
}
```

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 #2DAC8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DAC8F
}
```

Border

The CSS property to change the border of an element to Decimal 2993295 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
#2DAC8F }
```

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

```
.border{ border-color:#2DAC8F }
```

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

Here you see how a box with a 4 pixel #2DAC8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DAC8F; -webkit-box-shadow:4px 4px  
4px 4px #2DAC8F; box-shadow:4px 4px 4px  
4px #2DAC8F }
```

Background

The CSS property to change the background color of an element to Decimal 2993295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DAC8F }
```

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

```
.background{ background-color:#2DAC8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor