

Converting Colors

Decimal(298605)

Have a look what the booklet for
Decimal(298605) contains.

Decimal(298605)	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(298605)

Conversions

Conversions Part 1

Format	Color
Hex	048E6D
RGB	4, 142, 109
RGB Percent	2%, 56%, 43%
CMY	0.9843, 0.4431, 0.5725
CMYK	0.97, 0.00, 0.23, 0.44
HSL	166°, 95%, 29%
HSV	166°, 97%, 56%
XYZ	12.4834, 20.4759, 17.7623
YIQ	96.9760, -71.6550, -39.5190

Conversions

Conversions Part 2

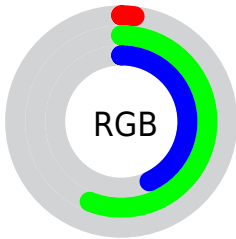
Format	Color
RYB	4, 82, 142
Decimal	298605
CIELab	52.37, -40.55, 8.60
CIELCh	52, 41.449, 168.024
Yxy	20.4759, 0.2461, 0.4037
Android (android.graphics.Color)	4278488685 (0xFF048E6D)
YUV	96.9760, 5.9278, -81.5400
Hunter-Lab	45.2503, -29.9446, 8.4019

Details

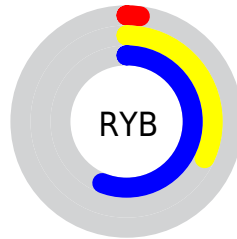
The Decimal color **298605** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9307173**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **5621152**, and **23358** is the 20% darker color. If you saturate the color by 10%, you get **36460**, and if you desaturate by 10%, it is **1216112**.

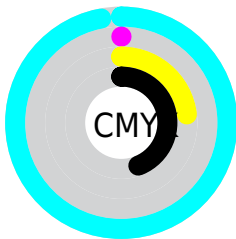
Distribution



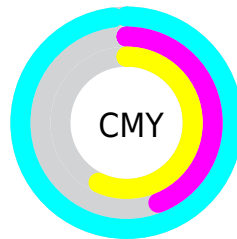
- Red (2%)
- Green (56%)
- Blue (43%)



- Red (2%)
- Yellow (32%)
- Blue (56%)



- Cyan (97%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (98%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 298605 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 298605 by changing the saturation by 10% instead.

 298605  298605

16777215  29781

 5621152  23358

 7528891  16936

 9436887  11283

 11337716  3840

 13238271  0

 15204351

 298605  298605

 36460  1216112

■ 2133620

■ 3116663

■ 4034171

■ 4951678

■ 5869185

■ 6786693

■ 7769736

■ 8687244

Harmonies

Analogous

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



5540428



298605



36754

Triad

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



298605



6846913



11954505

Complementary

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



298605



9307173

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.



12607593



298605



10185645

Square

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



298605



34242



12017805



10384950

Rectangle

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



298605



36264



12017805



12281171

Sweetspot

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



298605



8566955



2526724



3955796



14408667



6052956

Same Dimension

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



298605



47244



289934



4212550



34663



2054

Inverse Universe

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



9307173



12058668



9315844



4669506



8847392



524290

Previews

White Background



This preview shows how the Decimal color 298605 looks on a white background.

Color Contrast Check

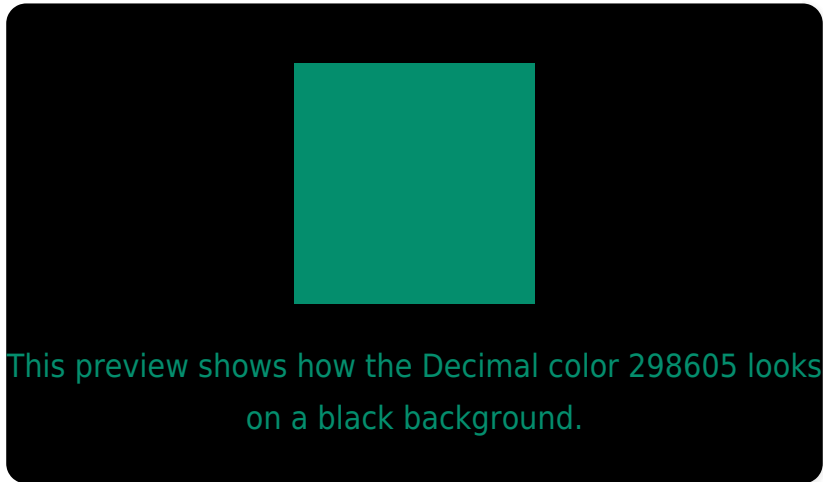
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

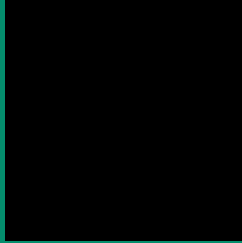
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 298605 Background



This preview shows how black text looks on a background with the Decimal color 298605.



This preview shows how white text looks on a background with the Decimal color 298605.

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



Original Color
298605

Protanopia
8682596

Deuteranopia
9205874



Tritanopia
2984340

Trichromacy



Original Color
298605



Protanomaly
5604199



Deuteranomaly
5996656



Tritanomaly
2001798

Monochromacy



Original Color
298605



Achromatopsia
6381921



Achromatomaly
4157797

CSS Examples

Text

The CSS property to change the color of the text to Decimal 298605 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 #048E6D looks like.

```
.text, #text, p{  
    color:#048E6D  
}
```

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 #048E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048E6D
}
```

Border

The CSS property to change the border of an element to Decimal 298605 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
#048E6D }
```

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

```
.border{ border-color:#048E6D }
```

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

Here you see how a box with a 4 pixel #048E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048E6D; -webkit-box-shadow:4px 4px  
4px 4px #048E6D; box-shadow:4px 4px 4px  
4px #048E6D }
```

Background

The CSS property to change the background color of an element to Decimal 298605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048E6D }
```

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

```
.background{ background-color:#048E6D }
```

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