

Converting Colors

Decimal(2588812)

Have a look what the booklet for
Decimal(2588812) contains.

Decimal(2588812)	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(2588812)

Conversions

Conversions Part 1

Format	Color
Hex	27808C
RGB	39, 128, 140
RGB Percent	15%, 50%, 55%
CMY	0.8471, 0.4980, 0.4510
CMYK	0.72, 0.09, 0.00, 0.45
HSL	187°, 56%, 35%
HSV	187°, 72%, 55%
XYZ	13.2895, 17.7631, 27.5391
YIQ	102.7570, -56.8960, -15.1360

Conversions

Conversions Part 2

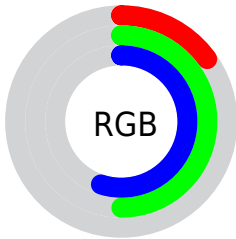
Format	Color
R_{YB}	39, 86, 140
Decimal	2588812
CIE _{Lab}	49.21, -21.55, -14.05
CIE _{LCh}	49, 25.731, 213.108
Yxy	17.7631, 0.2268, 0.3032
Android (android.graphics.Color)	4280778892 (0xFF27808C)
YUV	102.7570, 18.3608, -55.9149
Hunter-Lab	42.1463, -17.4718, -9.2387

Details

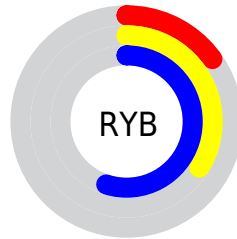
The Decimal color **2588812** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9188135**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **6534594**, and **20058** is the 20% darker color. If you saturate the color by 10%, you get **1670796**, and if you desaturate by 10%, it is **3506828**.

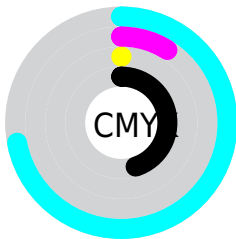
Distribution



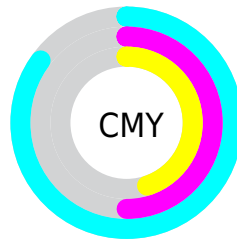
- Red (15%)
- Green (50%)
- Blue (55%)



- Red (15%)
- Yellow (34%)
- Blue (55%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2588812 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 2588812 by changing the saturation by 10% instead.

■ 2588812

■ 2588812

16777215

■ 26482

■ 6534594

■ 20058

■ 8442333

■ 14147

■ 10284538

■ 8748

■ 12189695

■ 280

■ 14090239

■ 0

■ 15990783

■ 2588812

■ 2588812

■ 1670796

■ 3506828

■ 753036

■ 4424588

■ 31628

■ 5342604

■ 6260620

■ 7178380

■ 8096396

■ 9014412

■ 9932172

■ 10850188

Harmonies

Analogous

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



3572087



2588812



3767451

Triad

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



2588812



9660297



8549449

Complementary

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



2588812



9188135

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.



9727311



2588812



10445939

Square

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



2588812



8089241



10446686



6978384

Rectangle

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



2588812



5208480



10446686



8942154

Sweetspot

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



2588812



9285813



2591795



4479324



14408667



6052956

Same Dimension

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



2588812



1614517



2576012



4080709



30085



1029

Inverse Universe

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



9185152



11868322



9200935



4537924



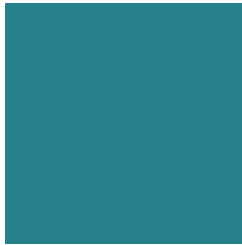
8716405



327684

Previews

White Background



This preview shows how the Decimal color 2588812 looks on a white 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

Black Background



This preview shows how the Decimal color 2588812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

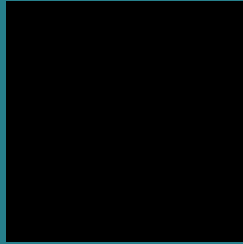
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 2588812 Background



This preview shows how black text looks on a background with the Decimal color 2588812.

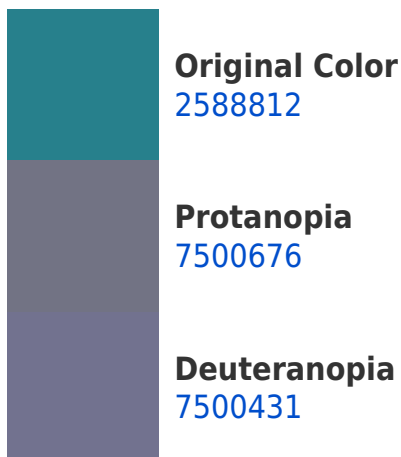


This preview shows how white text looks on a background with the Decimal color 2588812.

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



Trichromacy



Original Color
2588812

Protanomaly
5732487

Deuteranomaly
5732238

Tritanomaly
2523275

Monochromacy



Original Color
2588812

Achromatopsia
6776679

Achromatomaly
5271668

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2588812 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 #27808C looks like.

```
.text, #text, p{  
    color:#27808C  
}
```

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 #27808C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27808C
}
```

Border

The CSS property to change the border of an element to Decimal 2588812 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
#27808C }
```

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

```
.border{ border-color:#27808C }
```

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

Here you see how a box with a 4 pixel #27808C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27808C; -webkit-box-shadow:4px 4px  
4px 4px #27808C; box-shadow:4px 4px 4px  
4px #27808C }
```

Background

The CSS property to change the background color of an element to Decimal 2588812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27808C }
```

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

```
.background{ background-color:#27808C }
```

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