

Converting Colors

Decimal(2680224)

Have a look what the booklet for
Decimal(2680224) contains.

Decimal(2680224)	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(2680224)

Conversions

Conversions Part 1

Format	Color
Hex	28E5A0
RGB	40, 229, 160
RGB Percent	16%, 90%, 63%
CMY	0.8431, 0.1020, 0.3725
CMYK	0.83, 0.00, 0.30, 0.10
HSL	158°, 78%, 53%
HSV	158°, 83%, 90%
XYZ	35.2395, 59.0278, 42.7939
YIQ	164.6230, -90.4950, -61.5270

Conversions

Conversions Part 2

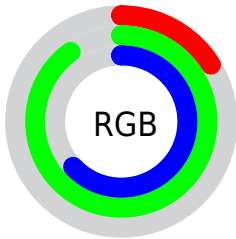
Format	Color
RYB	40, 156, 229
Decimal	2680224
CIELab	81.31, -60.23, 21.27
CIELCh	81, 63.874, 160.548
Yxy	59.0278, 0.2571, 0.4307
Android (android.graphics.Color)	4280870304 (0xFF28E5A0)
YUV	164.6230, -2.2791, -109.2944
Hunter-Lab	76.8296, -52.5788, 20.7563

Details

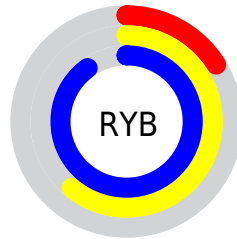
The Decimal color **2680224** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **15018093**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **7864279**, and **44140** is the 20% darker color. If you saturate the color by 10%, you get **1172888**, and if you desaturate by 10%, it is **4187560**.

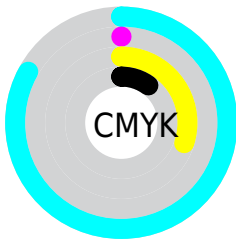
Distribution



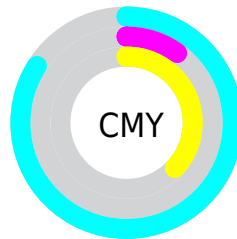
- Red (16%)
- Green (90%)
- Blue (63%)



- Red (16%)
- Yellow (61%)
- Blue (90%)



- Cyan (83%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)

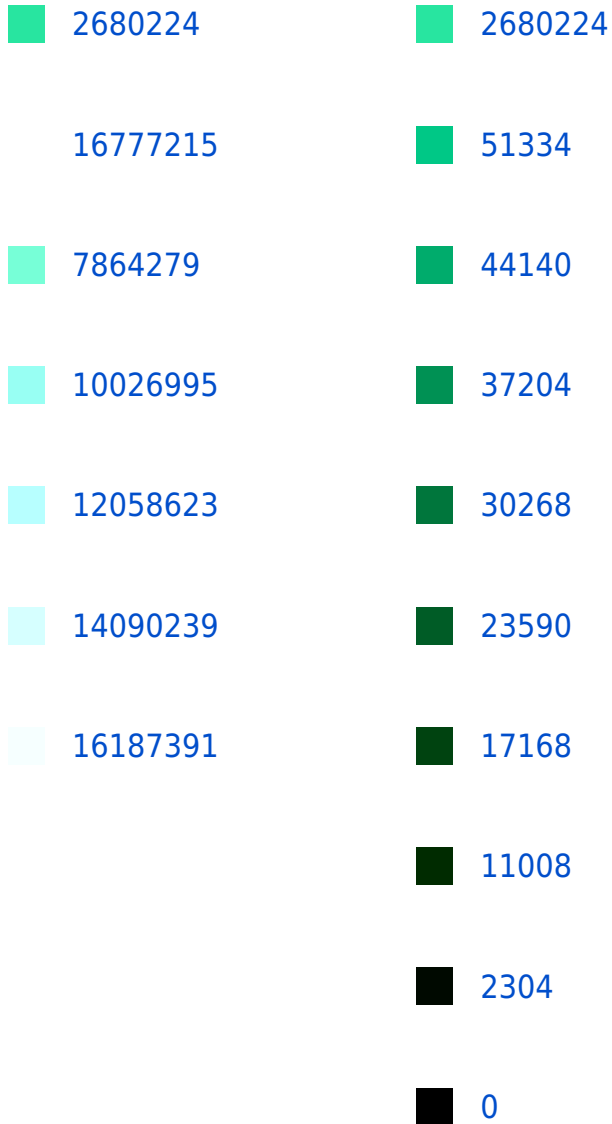


- Cyan (84%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2680224 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 2680224 by changing the saturation by 10% instead.



■ 2680224

■ 2680224

■ 1172888

■ 4187560

■ 58769

■ 5694897

■ 7202233

■ 8709569

■ 10216906

■ 11658706

■ 13166043

■ 14673379

■ 16180715

Harmonies

Analogous

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



9952363



2680224



59614

Triad

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



2680224



8767999



16753279

Complementary

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



2680224



15018093

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.



16750007



2680224



15381247

Square

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



2680224



56319



16751859



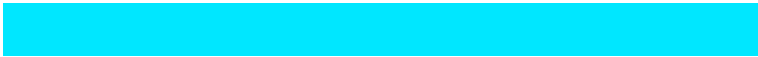
16759127

Rectangle

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



2680224



59391



16751859



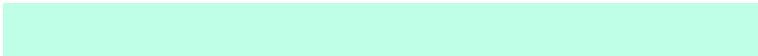
16751761

Sweetspot

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



2680224



12582888



7202088



5865586



0



8421504

Same Dimension

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



2680224



262051



2673893



6779759



45937



13088

Inverse Universe

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



15018093



16712543



15024424



7563115



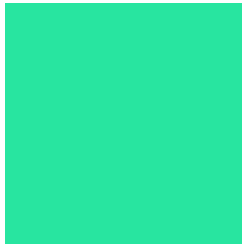
11731009



3342355

Previews

White Background



This preview shows how the Decimal color 2680224 looks on a white background.

Color Contrast Check

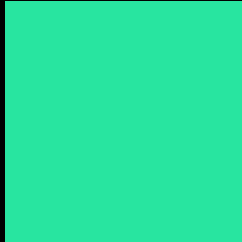
Large Text (above 18pt) WCAG AA × Fail

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 2680224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

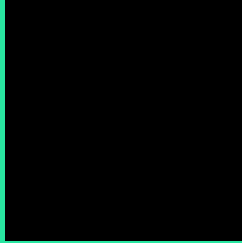
Any Text WCAG AA ✓ Pass

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 2680224 Background



This preview shows how black text looks on a background with the Decimal color 2680224.

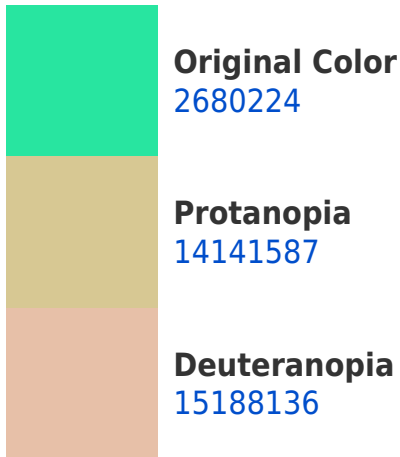


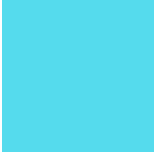
This preview shows how white text looks on a background with the Decimal color 2680224.

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
5626861

Trichromacy



Original Color

2680224



Protanomaly

9950104



Deuteranomaly

10669477



Tritanomaly

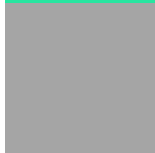
4579281

Monochromacy



Original Color

2680224



Achromatopsia

10855845



Achromatomaly

7912611

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2680224 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 #28E5A0 looks like.

```
.text, #text, p{  
  color:#28E5A0  
}
```

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 #28E5A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28E5A0
}
```

Border

The CSS property to change the border of an element to Decimal 2680224 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
#28E5A0 }
```

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

```
.border{ border-color:#28E5A0 }
```

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

Here you see how a box with a 4 pixel #28E5A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28E5A0; -webkit-box-shadow:4px 4px  
4px 4px #28E5A0; box-shadow:4px 4px 4px  
4px #28E5A0 }
```

Background

The CSS property to change the background color of an element to Decimal 2680224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28E5A0 }
```

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

```
.background{ background-color:#28E5A0 }
```

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