

Converting Colors

Decimal(2004862)

Have a look what the booklet for
Decimal(2004862) contains.

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Color

Decimal(2004862)

Conversions

Conversions Part 1

Format	Color
Hex	1E977E
RGB	30, 151, 126
RGB Percent	12%, 59%, 49%
CMY	0.8824, 0.4078, 0.5059
CMYK	0.80, 0.00, 0.17, 0.41
HSL	168°, 67%, 35%
HSV	168°, 80%, 59%
XYZ	15.3679, 23.9156, 23.5449
YIQ	111.9710, -64.0910, -33.4270

Conversions

Conversions Part 2

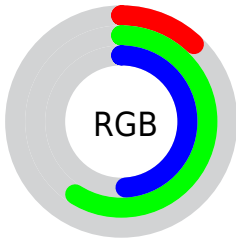
Format	Color
RYB	30, 97, 151
Decimal	2004862
CIELab	56.00, -37.97, 4.10
CIElCh	56, 38.186, 173.838
Yxy	23.9156, 0.2446, 0.3806
Android (android.graphics.Color)	4280194942 (0xFF1E977E)
YUV	111.9710, 6.9163, -71.8886
Hunter-Lab	48.9036, -29.4877, 5.6870

Details

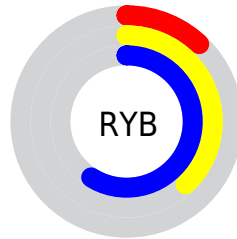
The Decimal color **2004862** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9903671**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **6409907**, and **25421** is the 20% darker color. If you saturate the color by 10%, you get **1021819**, and if you desaturate by 10%, it is **2987905**.

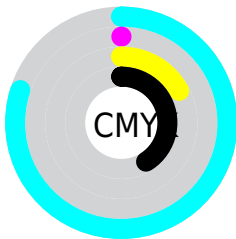
Distribution



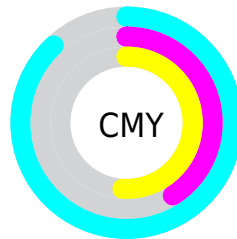
- Red (12%)
- Green (59%)
- Blue (49%)



- Red (12%)
- Yellow (38%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2004862 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 2004862 by changing the saturation by 10% instead.



2004862



2004862

16777215



32101



6409907



25421



8317646



18998



10223594



13089



12124159



7691



14024703



0



15990783



2004862



2004862



1021819



2987905

■ 38776

■ 3970948

■ 4953991

■ 5937034

■ 6985614

■ 7968657

■ 8951700

■ 9934743

■ 10917786

Harmonies

Analogous

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



5870430



2004862



38816

Triad

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



2004862



8356035



12154450

Complementary

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



2004862



9903671

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.



12938605



2004862



11105454

Square

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



2004862



4230344



12676238



10584643

Rectangle

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



2004862



38323



12676238



12546650

Sweetspot

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



2004862



9815227



3708702



4678493



14935011



6513507

Same Dimension

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



2004862



574621



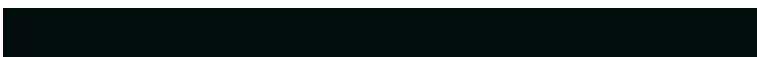
1996183



4541771



35951



3338

Inverse Universe

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



9903671



12847151



9912350



5064006



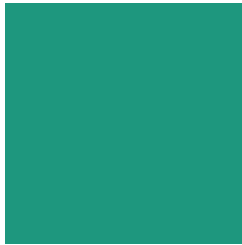
9175069



851971

Previews

White Background



This preview shows how the Decimal color 2004862 looks on a white background.

Color Contrast Check

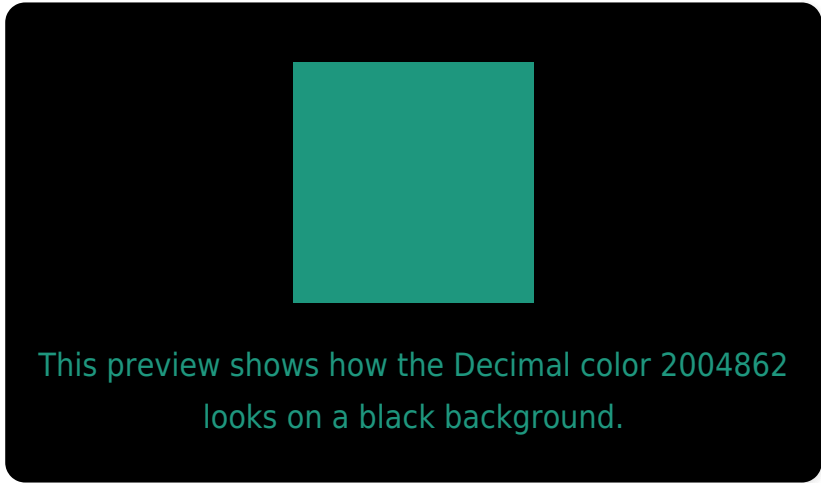
Large Text (above 18pt) WCAG AA ✓ Pass

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

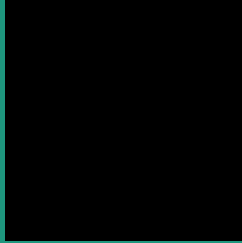
Any Text WCAG AA ✓ Pass

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 2004862 Background



This preview shows how black text looks on a background with the Decimal color 2004862.

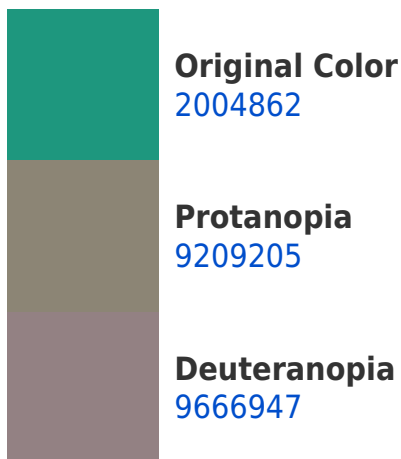


This preview shows how white text looks on a background with the Decimal color 2004862.

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
3379870

Trichromacy



Original Color

2004862



Protanomaly

6589560



Deuteranomaly

6850945



Tritanomaly

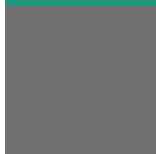
2856082

Monochromacy



Original Color

2004862



Achromatopsia

7368816



Achromatomaly

5406325

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2004862 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 #1E977E looks like.

```
.text, #text, p{  
  color:#1E977E  
}
```

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 #1E977E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E977E
}
```

Border

The CSS property to change the border of an element to Decimal 2004862 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
#1E977E }
```

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

```
.border{ border-color:#1E977E }
```

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

Here you see how a box with a 4 pixel #1E977E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E977E; -webkit-box-shadow:4px 4px  
4px 4px #1E977E; box-shadow:4px 4px 4px  
4px #1E977E }
```

Background

The CSS property to change the background color of an element to Decimal 2004862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E977E }
```

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

```
.background{ background-color:#1E977E }
```

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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