

Converting Colors

Decimal(42128)

Have a look what the booklet for
Decimal(42128) contains.

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Color

Decimal(42128)

Conversions

Conversions Part 1

Format	Color
Hex	00A490
RGB	0, 164, 144
RGB Percent	0%, 64%, 56%
CMY	1.0000, 0.3569, 0.4353
CMYK	1.00, 0.00, 0.12, 0.36
HSL	173°, 100%, 32%
HSV	173°, 100%, 64%
XYZ	18.3095, 28.5645, 30.9341
YIQ	112.6840, -91.3240, -40.9880

Conversions

Conversions Part 2

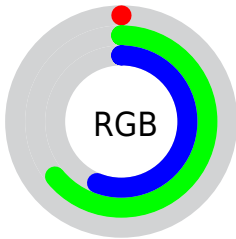
Format	Color
RYB	0, 87, 164
Decimal	42128
CIELab	60.40, -40.52, 0.24
CIELCh	60, 40.523, 179.664
Yxy	28.5645, 0.2353, 0.3671
Android (android.graphics.Color)	4278232208 (0xFF00A490)
YUV	112.6840, 15.4388, -98.8239
Hunter-Lab	53.4458, -32.3795, 3.0954

Details

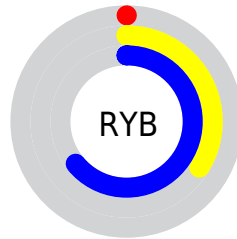
The Decimal color **42128** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10747924**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6085830**, and **28510** is the 20% darker color. If you saturate the color by 10%, you get **42128**, and if you desaturate by 10%, it is **1090706**.

Distribution



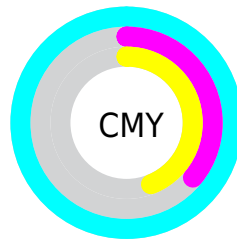
- Red (0%)
- Green (64%)
- Blue (56%)



- Red (0%)
- Yellow (34%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42128 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 42128 by changing the saturation by 10% instead.

 42128	 42128
 16777215	 35190
 6085830	 28510
 8124898	 22086
 10092542	 15920
 12058623	 10267
 14024703	 769
 15990783	 0

 42128

 1090706

■ 2204820

■ 3253398

■ 4367512

■ 5416090

■ 6464668

■ 7578782

■ 8627360

■ 9741474

Harmonies

Analogous

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



5742956



42128



41908

Triad

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



42128



9734352



12878677

Complementary

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



42128



10747924

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.



13924464



42128



12483510

Square

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



42128



5674457



13857939



11046729

Rectangle

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



42128



41415



13857939



13336412

Sweetspot

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



42128



9885390



1483776



4549478



15461355



7039851

Same Dimension

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



42128



54972



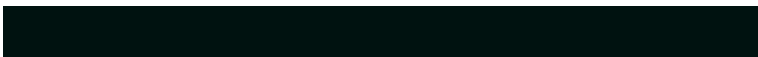
26788



4805201



37248



4624

Inverse Universe

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



10747924



14024730



10763264



5392714



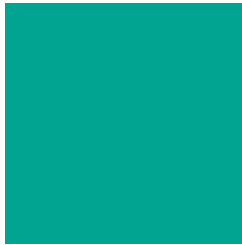
9502738



1179650

Previews

White Background



This preview shows how the Decimal color 42128 looks on a white background.

Color Contrast Check

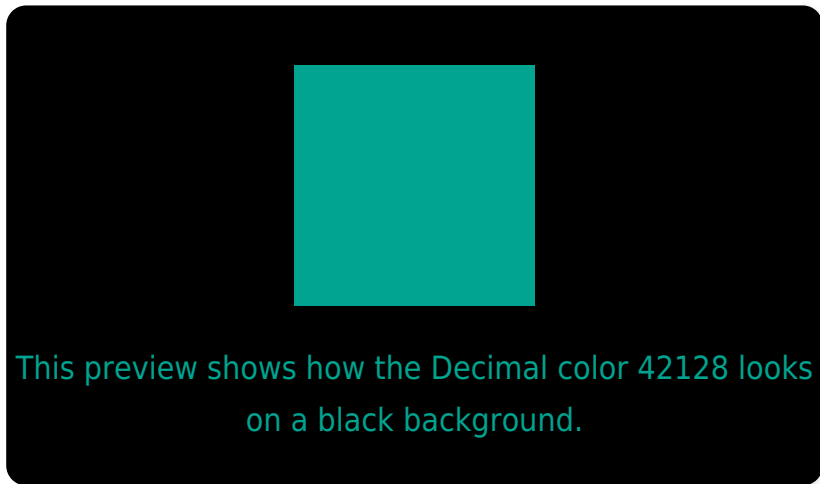
Large Text (above 18pt) WCAG AA ✓ Pass

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

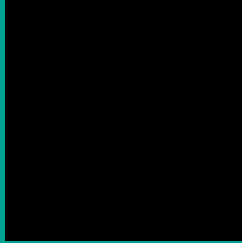
Any Text WCAG AA ✓ Pass

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 42128 Background



This preview shows how black text looks on a background with the Decimal color 42128.

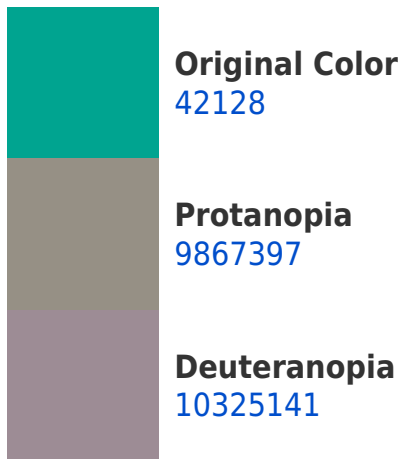


This preview shows how white text looks on a background with the Decimal color 42128.

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
2924717

Trichromacy



Original Color
42128



Protanomaly
6264713



Deuteranomaly
6591891



Tritanomaly
1876386

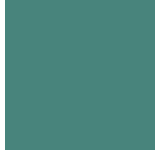
Monochromacy



Original Color
42128



Achromatopsia
7434609



Achromatomaly
4752508

CSS Examples

Text

The CSS property to change the color of the text to Decimal 42128 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 #00A490 looks like.

```
.text, #text, p{  
    color:#00A490  
}
```

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 #00A490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A490
}
```

Border

The CSS property to change the border of an element to Decimal 42128 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
#00A490 }
```

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

```
.border{ border-color:#00A490 }
```

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

Here you see how a box with a 4 pixel #00A490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A490; -webkit-box-shadow:4px 4px  
4px 4px #00A490; box-shadow:4px 4px 4px  
4px #00A490 }
```

Background

The CSS property to change the background color of an element to Decimal 42128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A490 }
```

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

```
.background{ background-color:#00A490 }
```

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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