

Converting Colors

Decimal(42172)

Have a look what the booklet for
Decimal(42172) contains.

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Color

Decimal(42172)

Conversions

Conversions Part 1

Format	Color
Hex	00A4BC
RGB	0, 164, 188
RGB Percent	0%, 64%, 74%
CMY	1.0000, 0.3569, 0.2627
CMYK	1.00, 0.13, 0.00, 0.26
HSL	188°, 100%, 37%
HSV	188°, 100%, 74%
XYZ	22.3526, 30.1818, 52.2245
YIQ	117.7000, -105.4480, -27.3040

Conversions

Conversions Part 2

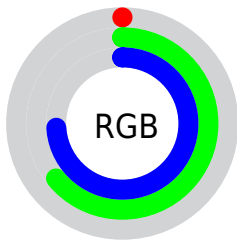
Format	Color
RYB	0, 88, 188
Decimal	42172
CIELab	61.81, -26.76, -22.40
CIELCh	62, 34.901, 219.925
Yxy	30.1818, 0.2134, 0.2881
Android (android.graphics.Color)	4278232252 (0xFF00A4BC)
YUV	117.7000, 34.6579, -103.2229
Hunter-Lab	54.9379, -23.5152, -17.9051

Details

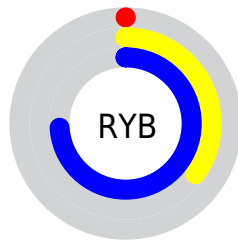
The Decimal color **42172** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12326912**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6478836**, and **28807** is the 20% darker color. If you saturate the color by 10%, you get **42172**, and if you desaturate by 10%, it is **1287868**.

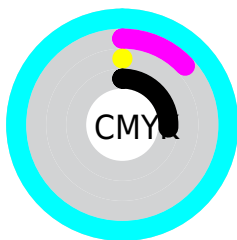
Distribution



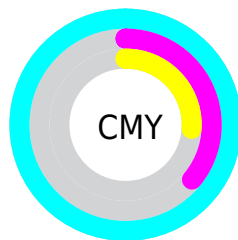
- Red (0%)
- Green (64%)
- Blue (74%)



- Red (0%)
- Yellow (35%)
- Blue (74%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)




















- Cyan (100%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42172 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 42172 by changing the saturation by 10% instead.

 42172	 42172
 16777215	 35233
 6478836	 28807
 8583423	 22381
 10616831	 16213
 12582911	 10558
 14614527	 3880
 16580607	 274
	 0

 42172

■ 1287868

■ 2533820

■ 3713980

■ 4959932

■ 6205628

■ 7451324

■ 8697276

■ 9877436

■ 11123388

Harmonies

Analogous

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



2664095



42172



4366031

Triad

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



42172



12877995



10524504

Complementary

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



42172



12326912

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.



12291164



42172



13729164

Square

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



42172



10914501



13468271



8298341

Rectangle

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



42172



6854867



13468271



11178839

Sweetspot

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



42172



11267061



48150



5141882



16448250



8026746

Same Dimension

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



42172



55029



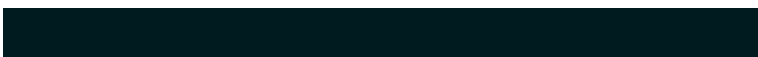
18620



5594462



35486



6943

Inverse Universe

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



12320932



16056534



12350464



6182237



10354826



2031643

Previews

White Background



This preview shows how the Decimal color 42172 looks on a white background.

Color Contrast Check

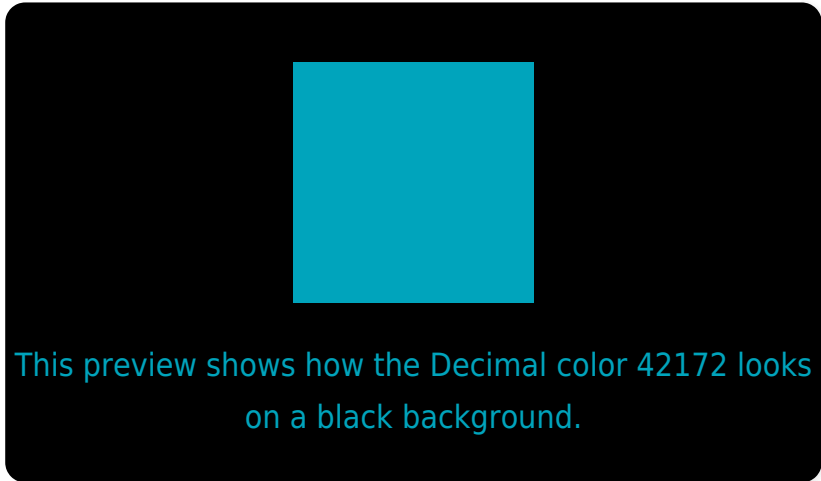
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

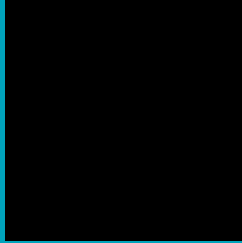
Any Text WCAG AA ✓ Pass

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 42172 Background



This preview shows how black text looks on a background with the Decimal color 42172.



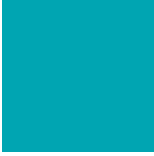
This preview shows how white text looks on a background with the Decimal color 42172.

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



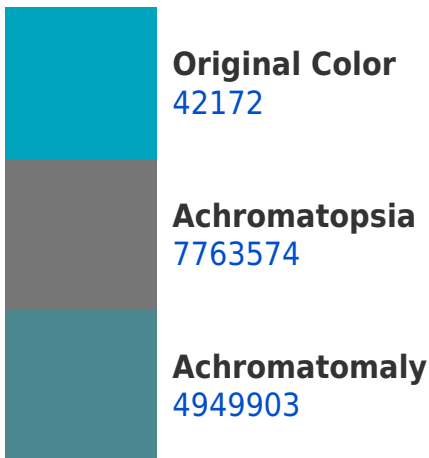


Tritanopia
42418

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 42172 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 #00A4BC looks like.

```
.text, #text, p{  
  color:#00A4BC  
}
```

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 #00A4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4BC
}
```

Border

The CSS property to change the border of an element to Decimal 42172 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
#00A4BC }
```

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

```
.border{ border-color:#00A4BC }
```

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

Here you see how a box with a 4 pixel #00A4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4BC; -webkit-box-shadow:4px 4px  
4px 4px #00A4BC; box-shadow:4px 4px 4px  
4px #00A4BC }
```

Background

The CSS property to change the background color of an element to Decimal 42172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4BC }
```

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

```
.background{ background-color:#00A4BC }
```

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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