

Converting Colors

Decimal(42166)

Have a look what the booklet for
Decimal(42166) contains.

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Color

Decimal(42166)

Conversions

Conversions Part 1

Format	Color
Hex	00A4B6
RGB	0, 164, 182
RGB Percent	0%, 64%, 71%
CMY	1.0000, 0.3569, 0.2863
CMYK	1.00, 0.10, 0.00, 0.29
HSL	186°, 100%, 36%
HSV	186°, 100%, 71%
XYZ	21.7190, 29.9283, 48.8880
YIQ	117.0160, -103.5220, -29.1700

Conversions

Conversions Part 2

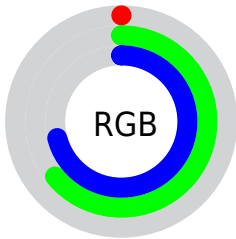
Format	Color
R _{YB}	0, 86, 182
Decimal	42166
CIE Lab	61.59, -28.77, -19.37
CIE LCh	62, 34.680, 213.951
Yxy	29.9283, 0.2160, 0.2977
Android (android.graphics.Color)	4278232246 (0xFF00A4B6)
YUV	117.0160, 32.0371, -102.6230
Hunter-Lab	54.7068, -24.8712, -14.6890

Details

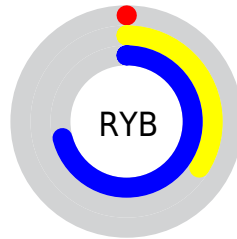
The Decimal color **42166** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11932160**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6413294**, and **28801** is the 20% darker color. If you saturate the color by 10%, you get **42166**, and if you desaturate by 10%, it is **1222326**.

Distribution



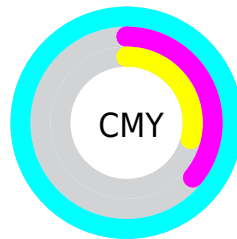
- Red (0%)
- Green (64%)
- Blue (71%)



- Red (0%)
- Yellow (34%)
- Blue (71%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)




















- Cyan (100%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42166 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 42166 by changing the saturation by 10% instead.

 42166	 42166
 16777215	 35227
 6413294	 28801
 8517887	 22376
 10485759	 16208
 12517375	 10553
 14483455	 3364
 16515071	 12
	 0

 42166

■ 1222326

■ 2402486

■ 3647926

■ 4828086

■ 6008246

■ 7188406

■ 8368566

■ 9614006

■ 10794166

Harmonies

Analogous

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



3384728



42166



3579851

Triad

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



42166



12550576



10851415

Complementary

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



42166



11932160

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.



12552798



42166



13598098

Square

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



42166



10390472



13533300



8691041

Rectangle

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



42166



6134481



13533300



11440471

Sweetspot

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



42166



10938093



46607



5076088



16250871



7895160

Same Dimension

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



42166



55021



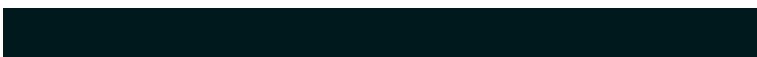
19638



5462876



35996



6428

Inverse Universe

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



11927716



15532246



11954688



6050651



10223756



1835033

Previews

White Background



This preview shows how the Decimal color 42166 looks on a white background.

Color Contrast Check

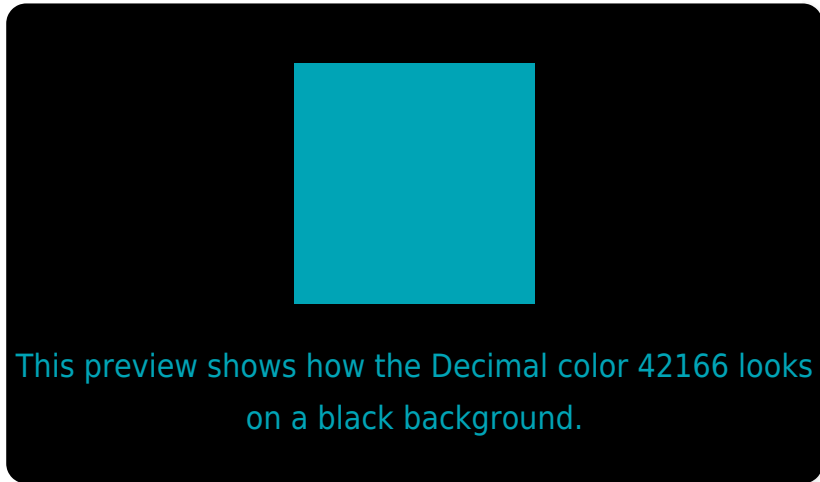
Large Text (above 18pt) WCAG AA ✓ Pass

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

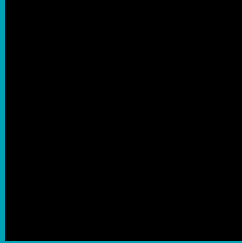
Any Text WCAG AA ✓ Pass

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 42166 Background



This preview shows how black text looks on a background with the Decimal color 42166.

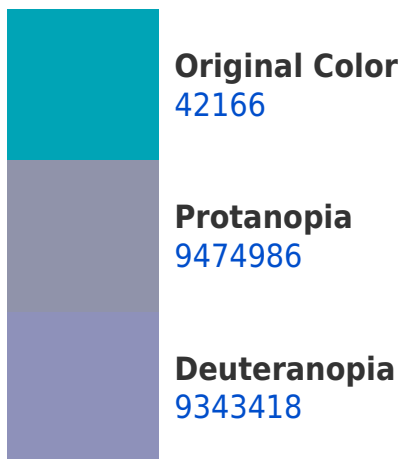


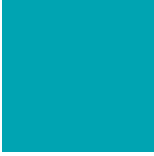
This preview shows how white text looks on a background with the Decimal color 42166.

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
42162

Trichromacy



Original Color
42166



Protanomaly
6068654



Deuteranomaly
5937337



Tritanomaly
42163

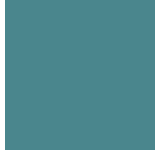
Monochromacy



Original Color
42166



Achromatopsia
7697781



Achromatomaly
4884109

CSS Examples

Text

The CSS property to change the color of the text to Decimal 42166 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 #00A4B6 looks like.

```
.text, #text, p{  
    color:#00A4B6  
}
```

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 #00A4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4B6
}
```

Border

The CSS property to change the border of an element to Decimal 42166 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
#00A4B6 }
```

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

```
.border{ border-color:#00A4B6 }
```

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

Here you see how a box with a 4 pixel #00A4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4B6; -webkit-box-shadow:4px 4px  
4px 4px #00A4B6; box-shadow:4px 4px 4px  
4px #00A4B6 }
```

Background

The CSS property to change the background color of an element to Decimal 42166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4B6 }
```

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

```
.background{ background-color:#00A4B6 }
```

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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