

Converting Colors

Decimal(4301241)

Have a look what the booklet for
Decimal(4301241) contains.

Decimal(4301241)	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(4301241)

Conversions

Conversions Part 1

Format	Color
Hex	41A1B9
RGB	65, 161, 185
RGB Percent	25%, 63%, 73%
CMY	0.7451, 0.3686, 0.2745
CMYK	0.65, 0.13, 0.00, 0.27
HSL	192°, 48%, 49%
HSV	192°, 65%, 73%
XYZ	23.6818, 30.1163, 50.4638
YIQ	135.0320, -64.9200, -12.8880

Conversions

Conversions Part 2

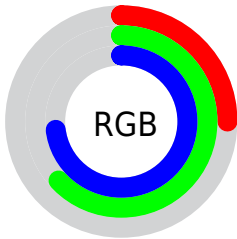
Format	Color
RYB	65, 118, 185
Decimal	4301241
CIELab	61.75, -20.52, -20.72
CIELCh	62, 29.160, 225.270
Yxy	30.1163, 0.2271, 0.2889
Android (android.graphics.Color)	4282491321 (0xFF41A1B9)
YUV	135.0320, 24.6342, -61.4181
Hunter-Lab	54.8784, -19.0086, -16.1057

Details

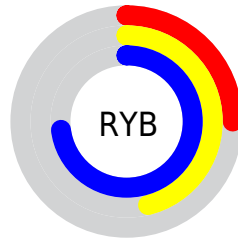
The Decimal color **4301241** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12147009**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **8313073**, and **28036** is the 20% darker color. If you saturate the color by 10%, you get **3120569**, and if you desaturate by 10%, it is **5481913**.

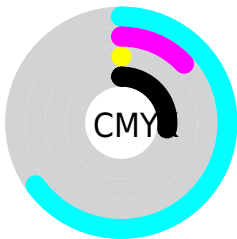
Distribution



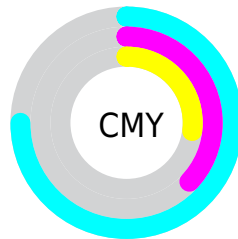
- Red (25%)
- Green (63%)
- Blue (73%)



- Red (25%)
- Yellow (46%)
- Blue (73%)



- Cyan (65%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4301241 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 4301241 by changing the saturation by 10% instead.



4301241



4301241

16777215



1738654



8313073



28036



10220799



21867



12124159



15698



14024703



10043



15990783



3622



271



0



4301241



4301241

■ 3120569

■ 5481913

■ 1874617

■ 6727865

■ 628409

■ 7974073

■ 38073

■ 9154745

■ 10335161

■ 11581369

■ 12827577

■ 14008249

■ 15188665

Harmonies

Analogous

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



4432802



4301241



6265799

Triad

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



4301241



12616611



10131555

Complementary

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



4301241



12147009

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.



11702116



4301241



13206153

Square

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



4301241



11111098



12814194



8232560

Rectangle

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



4301241



7968456



12814194



10720609

Sweetspot

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



4301241



12773360



4307289



6058616



16250871



7895160

Same Dimension

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



4301241



3525360



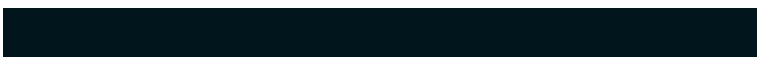
4285881



5462620



31900



5660

Inverse Universe

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



12140961



15742410



12162369



6050650



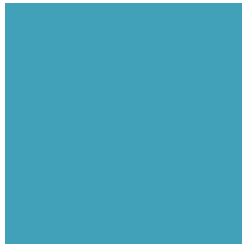
10223740



1835030

Previews

White Background



This preview shows how the Decimal color 4301241 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 4301241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

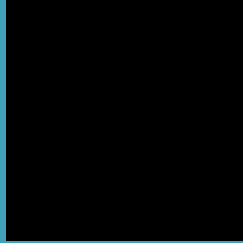
Any Text WCAG AA ✓ Pass

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 4301241 Background



This preview shows how black text looks on a background with the Decimal color 4301241.

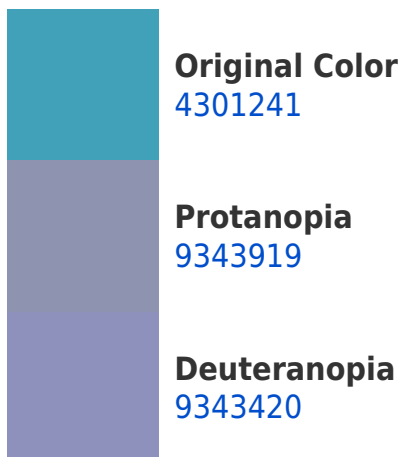


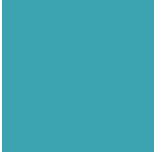
This preview shows how white text looks on a background with the Decimal color 4301241.

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
3974064

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4301241 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 #41A1B9 looks like.

```
.text, #text, p{  
    color:#41A1B9  
}
```

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 #41A1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A1B9
}
```

Border

The CSS property to change the border of an element to Decimal 4301241 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
#41A1B9 }
```

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

```
.border{ border-color:#41A1B9 }
```

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

Here you see how a box with a 4 pixel #41A1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A1B9; -webkit-box-shadow:4px 4px  
4px 4px #41A1B9; box-shadow:4px 4px 4px  
4px #41A1B9 }
```

Background

The CSS property to change the background color of an element to Decimal 4301241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A1B9 }
```

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

```
.background{ background-color:#41A1B9 }
```

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