

Converting Colors

Decimal(4369344)

Have a look what the booklet for
Decimal(4369344) contains.

Decimal(4369344)	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(4369344)

Conversions

Conversions Part 1

Format	Color
Hex	42ABC0
RGB	66, 171, 192
RGB Percent	26%, 67%, 75%
CMY	0.7412, 0.3294, 0.2471
CMYK	0.66, 0.11, 0.00, 0.25
HSL	190°, 50%, 51%
HSV	190°, 66%, 75%
XYZ	26.3241, 34.0898, 55.0617
YIQ	141.9990, -69.3210, -15.7290

Conversions

Conversions Part 2

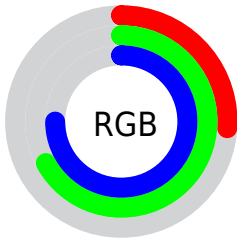
Format	Color
RYB	66, 123, 192
Decimal	4369344
CIELab	65.03, -23.37, -19.63
CIELCh	65, 30.515, 220.030
Yxy	34.0898, 0.2280, 0.2952
Android (android.graphics.Color)	4282559424 (0xFF42ABC0)
YUV	141.9990, 24.6505, -66.6511
Hunter-Lab	58.3865, -21.6980, -15.0432

Details

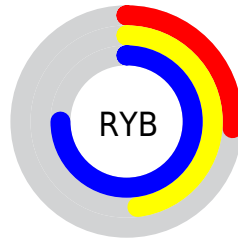
The Decimal color **4369344** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **12605250**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **8446968**, and **30346** is the 20% darker color. If you saturate the color by 10%, you get **3123392**, and if you desaturate by 10%, it is **5615296**.

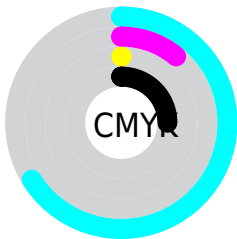
Distribution



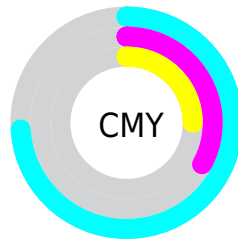
- Red (26%)
- Green (67%)
- Blue (75%)



- Red (26%)
- Yellow (48%)
- Blue (75%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (74%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4369344 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 4369344 by changing the saturation by 10% instead.



4369344



4369344

16777215



1675429



8446968



30346



10354687



24177



12320767



18008



14286847



12097



16252927



7211



278



0



4369344



4369344

■ 3123392

■ 5615296

■ 1877440

■ 6861248

■ 565696

■ 8172992

■ 41152

■ 9418944

■ 10664896

■ 11910848

■ 13156800

■ 14468544

■ 15714496

Harmonies

Analogous

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



4959654



4369344



6203088

Triad

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



4369344



13143217



11050856

Complementary

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



4369344



12605250

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.



12621419



4369344



13928854

Square

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



4369344



11375816



13667708



9021299

Rectangle

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



4369344



7971028



13667708



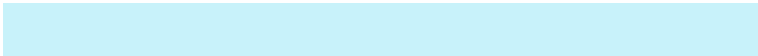
11639911

Sweetspot

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



4369344



13169402



4374615



6256765



16579836



8224125

Same Dimension

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



4369344



3463674



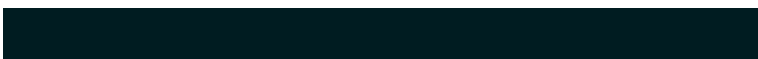
4353216



5726049



34465



7201

Inverse Universe

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



12599979



16397529



12621378



6379359



10551430



2162716

Previews

White Background



This preview shows how the Decimal color 4369344 looks on a white background.

Color Contrast Check

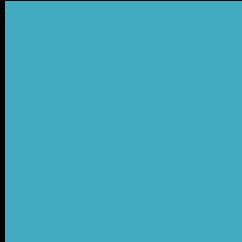
Large Text (above 18pt) WCAG AA × Fail

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 4369344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

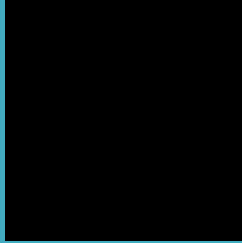
Any Text WCAG AA ✓ Pass

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 4369344 Background



This preview shows how black text looks on a background with the Decimal color 4369344.




This preview shows how white text looks on a background with the Decimal color 4369344.

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
4172986

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4369344 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 #42ABC0 looks like.

```
.text, #text, p{  
  color:#42ABC0  
}
```

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 #42ABC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42ABC0  
}
```

Border

The CSS property to change the border of an element to Decimal 4369344 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  
#42ABC0 }
```

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

```
.border{ border-color:#42ABC0 }
```

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

Here you see how a box with a 4 pixel #42ABC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42ABC0; -webkit-box-shadow:4px 4px  
4px 4px #42ABC0; box-shadow:4px 4px 4px  
4px #42ABC0 }
```

Background

The CSS property to change the background color of an element to Decimal 4369344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42ABC0 }
```

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

```
.background{ background-color:#42ABC0 }
```

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