

Converting Colors

Decimal(4304355)

Have a look what the booklet for
Decimal(4304355) contains.

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Color

Decimal(4304355)

Conversions

Conversions Part 1

Format	Color
Hex	41ADE3
RGB	65, 173, 227
RGB Percent	25%, 68%, 89%
CMY	0.7451, 0.3216, 0.1098
CMYK	0.71, 0.24, 0.00, 0.11
HSL	200°, 74%, 57%
HSV	200°, 71%, 89%
XYZ	30.9887, 36.5570, 78.0960
YIQ	146.8640, -81.7020, -6.1020

Conversions

Conversions Part 2

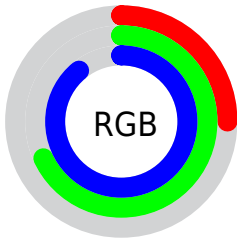
Format	Color
RYB	65, 130, 227
Decimal	4304355
CIELab	66.94, -13.38, -36.02
CIELCh	67, 38.427, 249.619
Yxy	36.5570, 0.2128, 0.2510
Android (android.graphics.Color)	4282494435 (0xFF41ADE3)
YUV	146.8640, 39.5070, -71.7947
Hunter-Lab	60.4624, -14.3229, -34.2580

Details

The Decimal color **4304355** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14907201**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8709375**, and **31147** is the 20% darker color. If you saturate the color by 10%, you get **2794979**, and if you desaturate by 10%, it is **5813731**.

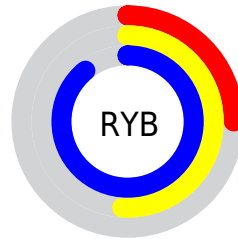
Distribution



Red (25%)

Green (68%)

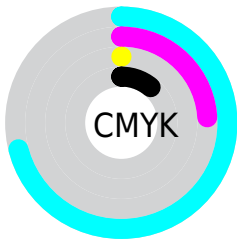
Blue (89%)



Red (25%)

Yellow (51%)

Blue (89%)

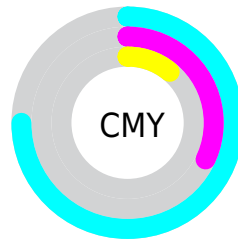


Cyan (71%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (75%)

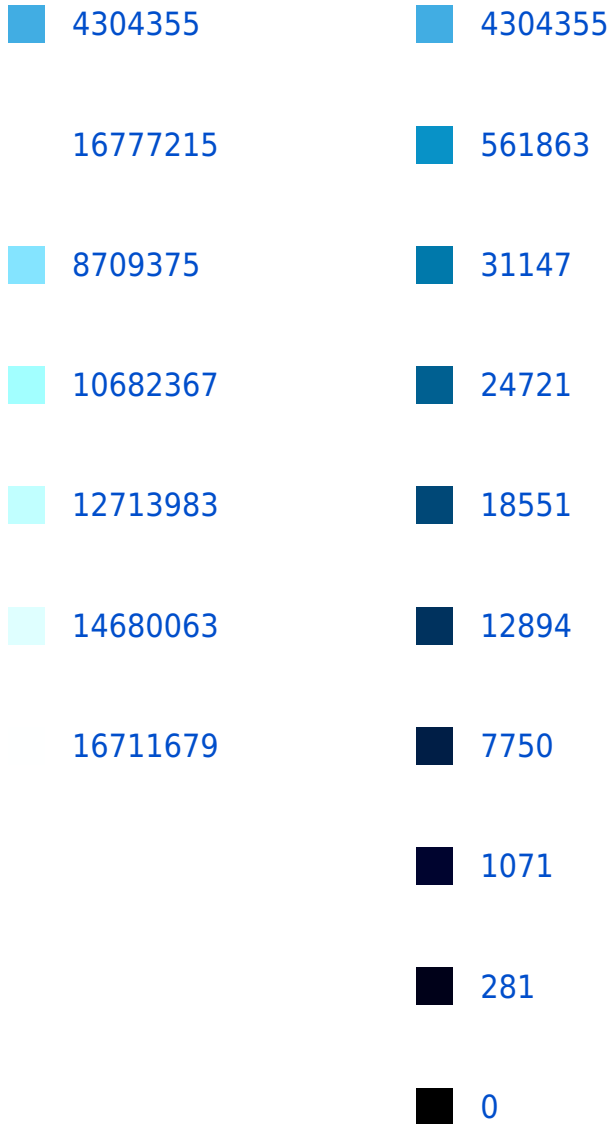
Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4304355 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 4304355 by changing the saturation by 10% instead.



■ 4304355

■ 4304355

■ 2794979

■ 5813731

■ 1351395

■ 7257315

■ 38883

■ 8766691

■ 10275811

■ 11785187

■ 13228771

■ 14738147

■ 16247523

■ 16773603

Harmonies

Analogous

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



46030



4304355



8561639

Triad

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



4304355



15108249



9023084

Complementary

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



4304355



14907201

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.



11445342



4304355



14781816

Square

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



4304355



14126012



13474146



6140810

Rectangle

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



4304355



10918623



13474146



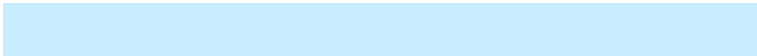
9874277

Sweetspot

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



4304355



13233663



4318071



6321536



0



8421504

Same Dimension

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



4304355



2406143



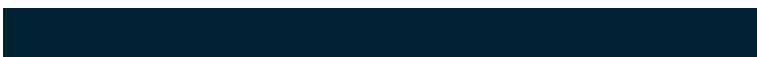
4284387



6778739



30643



8755

Inverse Universe

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



14893485



16721078



14927937



7563119



11731063



3342370

Previews

White Background



This preview shows how the Decimal color 4304355 looks on a white background.

Color Contrast Check

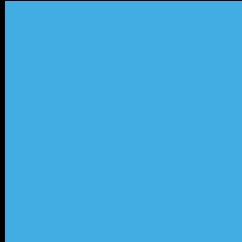
Large Text (above 18pt) WCAG AA × Fail

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 4304355 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

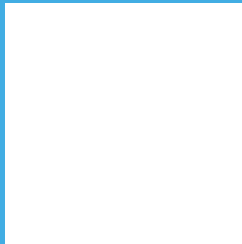
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4304355 Background



This preview shows how black text looks on a background with the Decimal color 4304355.



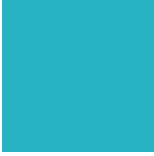
This preview shows how white text looks on a background with the Decimal color 4304355.

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
2601922

Trichromacy



Original Color
4304355



Protanomaly
7710173



Deuteranomaly
7316965



Tritanomaly
3191246

Monochromacy



Original Color
4304355



Achromatopsia
9671571



Achromatomaly
7707824

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4304355 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 #41ADE3 looks like.

```
.text, #text, p{  
    color:#41ADE3  
}
```

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 #41ADE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41ADE3
}
```

Border

The CSS property to change the border of an element to Decimal 4304355 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
#41ADE3 }
```

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

```
.border{ border-color:#41ADE3 }
```

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

Here you see how a box with a 4 pixel #41ADE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41ADE3; -webkit-box-shadow:4px 4px  
4px 4px #41ADE3; box-shadow:4px 4px 4px  
4px #41ADE3 }
```

Background

The CSS property to change the background color of an element to Decimal 4304355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41ADE3 }
```

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

```
.background{ background-color:#41ADE3 }
```

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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