

Converting Colors

Decimal(4041434)

Have a look what the booklet for
Decimal(4041434) contains.

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Color

Decimal(4041434)

Conversions

Conversions Part 1

Format	Color
Hex	3DAADA
RGB	61, 170, 218
RGB Percent	24%, 67%, 85%
CMY	0.7608, 0.3333, 0.1451
CMYK	0.72, 0.22, 0.00, 0.15
HSL	198°, 68%, 55%
HSV	198°, 72%, 85%
XYZ	28.9541, 34.8035, 71.5214
YIQ	142.8810, -80.3720, -8.1800

Conversions

Conversions Part 2

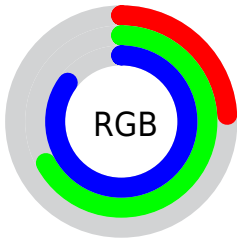
Format	Color
R_{YB}	61, 125, 218
Decimal	4041434
CIE _{Lab}	65.60, -15.28, -33.17
CIE _{LCh}	66, 36.522, 245.276
Yxy	34.8035, 0.2140, 0.2573
Android (android.graphics.Color)	4282231514 (0xFF3DAADA)
YUV	142.8810, 37.0337, -71.8096
Hunter-Lab	58.9945, -15.6338, -30.5835

Details

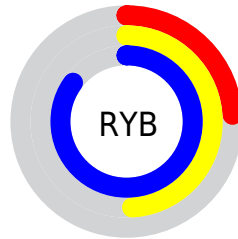
The Decimal color **4041434** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **14314813**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **8380927**, and **30371** is the 20% darker color. If you saturate the color by 10%, you get **2597850**, and if you desaturate by 10%, it is **5485018**.

Distribution



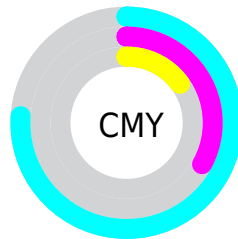
- Red (24%)
- Green (67%)
- Blue (85%)



- Red (24%)
- Yellow (49%)
- Blue (85%)



- Cyan (72%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)

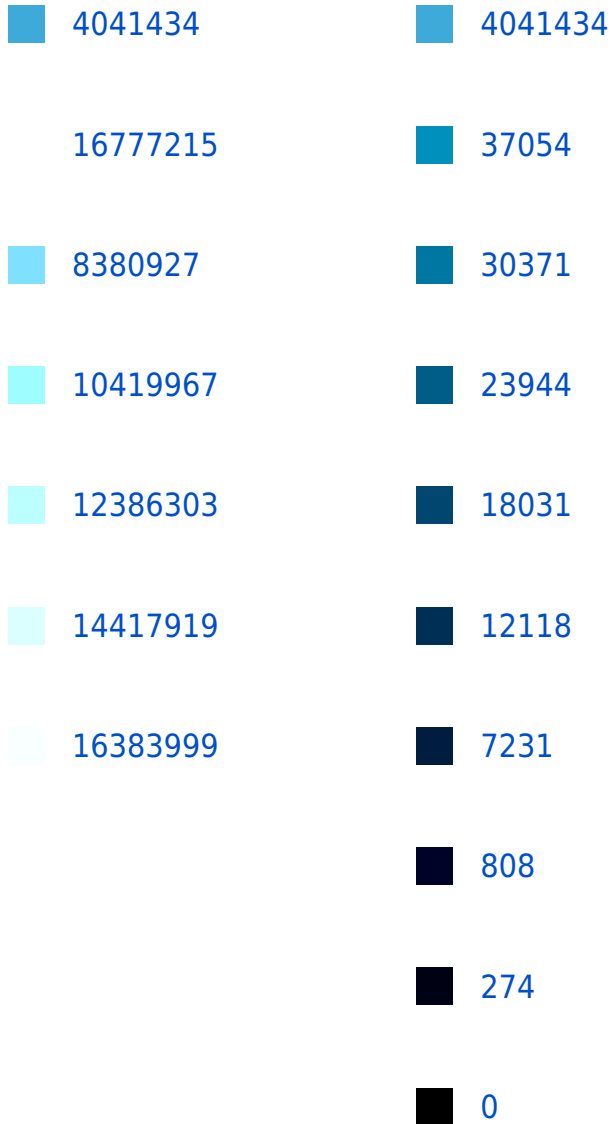


- Cyan (76%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4041434 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 4041434 by changing the saturation by 10% instead.



■ 4041434

■ 4041434

■ 2597850

■ 5485018

■ 1154522

■ 6928346

■ 38874

■ 8306394

■ 9749978

■ 11193306

■ 12636890

■ 14080474

■ 15458266

■ 16770778

Harmonies

Analogous

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



44996



4041434



7971296

Triad

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



4041434



14583451



9218409

Complementary

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



4041434



14314813

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.



11509597



4041434



14453371

Square

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



4041434



13470395



13341796



6598275

Rectangle

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



4041434



10263002



13341796



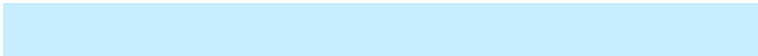
10004067

Sweetspot

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



4041434



13102847



4053612



6190464



0



8421504

Same Dimension

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



4041434



2407679



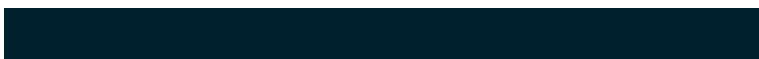
4021466



6515310



30893



8238

Inverse Universe

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



14302634



16721084



14334781



7234410



11337848



3014688

Previews

White Background



This preview shows how the Decimal color 4041434 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 4041434 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 4041434 Background



This preview shows how black text looks on a background with the Decimal color 4041434.



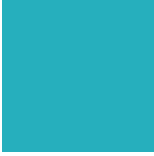
This preview shows how white text looks on a background with the Decimal color 4041434.

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



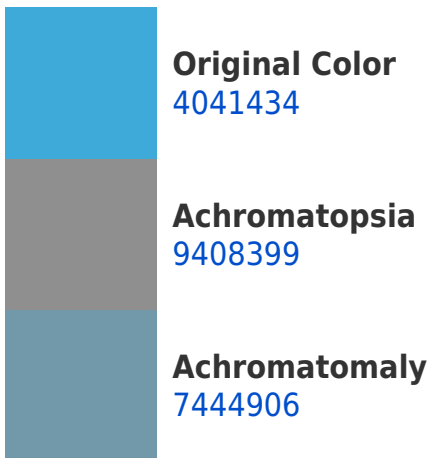


Tritanopia
2535357

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4041434 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 #3DAADA looks like.

```
.text, #text, p{  
  color:#3DAADA  
}
```

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 #3DAADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAADA
}
```

Border

The CSS property to change the border of an element to Decimal 4041434 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
#3DAADA }
```

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

```
.border{ border-color:#3DAADA }
```

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

Here you see how a box with a 4 pixel #3DAADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAADA; -webkit-box-shadow:4px 4px  
4px 4px #3DAADA; box-shadow:4px 4px 4px  
4px #3DAADA }
```

Background

The CSS property to change the background color of an element to Decimal 4041434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAADA }
```

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

```
.background{ background-color:#3DAADA }
```

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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