

Converting Colors

Decimal(44236)

Have a look what the booklet for
Decimal(44236) contains.

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Color

Decimal(44236)

Conversions

Conversions Part 1

Format	Color
Hex	00ACCC
RGB	0, 172, 204
RGB Percent	0%, 67%, 80%
CMY	1.0000, 0.3255, 0.2000
CMYK	1.00, 0.16, 0.00, 0.20
HSL	189°, 100%, 40%
HSV	189°, 100%, 80%
XYZ	25.6516, 33.8647, 62.3113
YIQ	124.2200, -112.7840, -26.5120

Conversions

Conversions Part 2

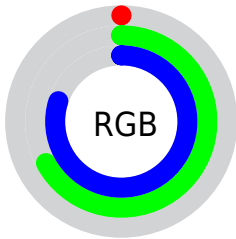
Format	Color
RYB	0, 93, 204
Decimal	44236
CIELab	64.86, -25.39, -26.64
CIELCh	65, 36.806, 226.374
Yxy	33.8647, 0.2106, 0.2780
Android (android.graphics.Color)	4278234316 (0xFF00ACCC)
YUV	124.2200, 39.3315, -108.9409
Hunter-Lab	58.1934, -23.1557, -22.7502

Details

The Decimal color **44236** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13377536**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **6743295**, and **30614** is the 20% darker color. If you saturate the color by 10%, you get **44236**, and if you desaturate by 10%, it is **1355724**.

Distribution



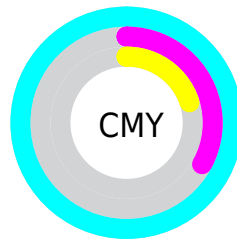
- Red (0%)
- Green (67%)
- Blue (80%)



- Red (0%)
- Yellow (36%)
- Blue (80%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 44236 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 44236 by changing the saturation by 10% instead.



■ 44236

■ 1355724

■ 2732748

■ 4044492

■ 5421516

■ 6733004

■ 8044492

■ 9421516

■ 10733260

■ 12110284

Harmonies

Analogous

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



1552303



44236



5350877

Triad

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



44236



13927854



10592605

Complementary

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



44236



13377536

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.



12621405



44236



14582924

Square

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



44236



12095179



14060399



8169839

Rectangle

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



44236



7970526



14060399



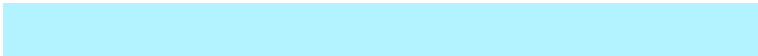
11312731

Sweetspot

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



44236



11793407



52255



5404800



0



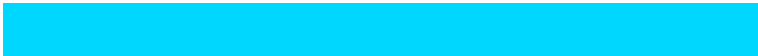
8421504

Same Dimension

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



44236



55295



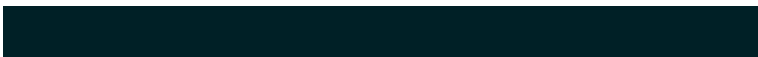
18380



6055014



36006



8230

Inverse Universe

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



13369516



16711895



13403392



6708324



10879116



2490400

Previews

White Background



This preview shows how the Decimal color 44236 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 44236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

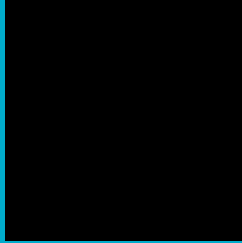
Any Text WCAG AA ✓ Pass

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 44236 Background



This preview shows how black text looks on a background with the Decimal color 44236.



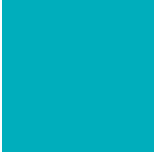
This preview shows how white text looks on a background with the Decimal color 44236.

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](#).

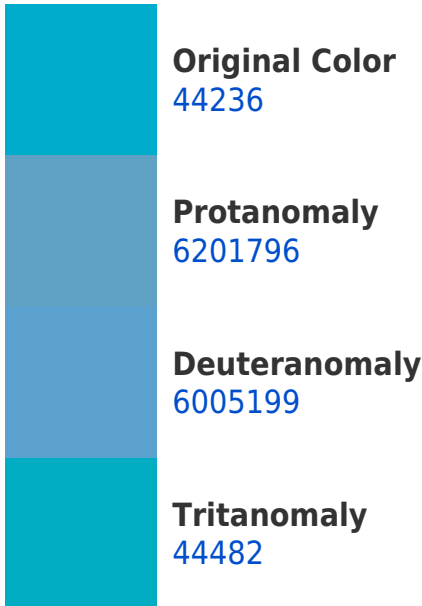
Dichromacy





Tritanopia
44732

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 44236 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 #00ACCC looks like.

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

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 #00ACCC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 44236 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
#00ACCC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 44236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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