

Converting Colors

Decimal(41684)

Have a look what the booklet for
Decimal(41684) contains.

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Color

Decimal(41684)

Conversions

Conversions Part 1

Format	Color
Hex	00A2D4
RGB	0, 162, 212
RGB Percent	0%, 64%, 83%
CMY	1.0000, 0.3647, 0.1686
CMYK	1.00, 0.24, 0.00, 0.17
HSL	194°, 100%, 42%
HSV	194°, 100%, 83%
XYZ	24.8040, 30.5941, 66.8853
YIQ	119.2620, -112.6020, -18.7940

Conversions

Conversions Part 2

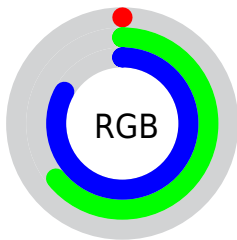
Format	Color
RYB	0, 92, 212
Decimal	41684
CIELab	62.16, -17.39, -35.25
CIELCh	62, 39.307, 243.739
Yxy	30.5941, 0.2028, 0.2502
Android (android.graphics.Color)	4278231764 (0xFF00A2D4)
YUV	119.2620, 45.7198, -104.5928
Hunter-Lab	55.3120, -16.7497, -32.9773

Details

The Decimal color **41684** 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 **13906432**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6740479**, and **28317** is the 20% darker color. If you saturate the color by 10%, you get **41684**, and if you desaturate by 10%, it is **1419220**.

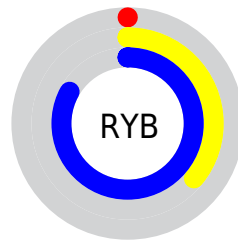
Distribution



Red (0%)

Green (64%)

Blue (83%)



Red (0%)

Yellow (36%)

Blue (83%)

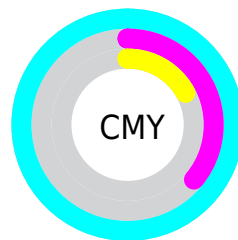


Cyan (100%)

Magenta (24%)

Yellow (0%)

Black (17%)



Cyan (100%)

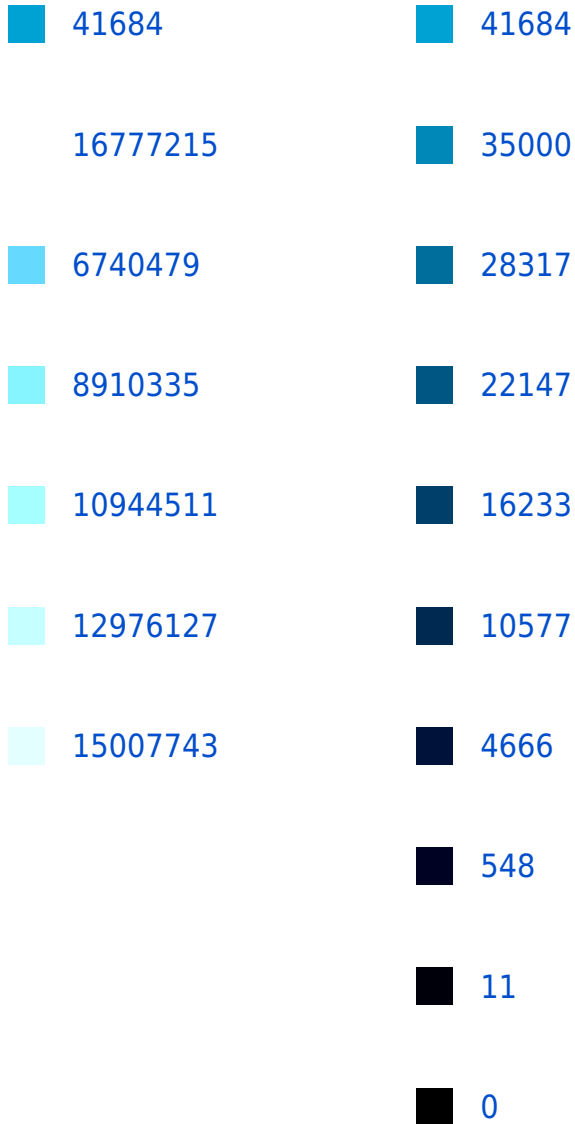
Magenta (36%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41684 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 41684 by changing the saturation by 10% instead.



- 41684
- 1419220
- 2796756
- 4239828
- 5617364
- 6994900
- 8372436
- 9749972
- 11193044
- 12570580

Harmonies

Analogous

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



42940



41684



6789339

Triad

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



41684



14187155



8626267

Complementary

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



41684



13906432

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.



11048527



41684



14122609

Square

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



41684



12943286



12945752



5744246

Rectangle

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



41684



9408726



12945752



9477461

Sweetspot

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



41684



11791871



54321



5404032



0



8421504

Same Dimension

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



41684



50175



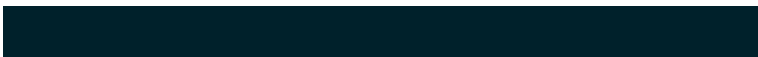
14804



6318443



33707



8491

Inverse Universe

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



13893794



16711875



13933312



7037033



11206787



2818081

Previews

White Background



This preview shows how the Decimal color 41684 looks on a white background.

Color Contrast Check

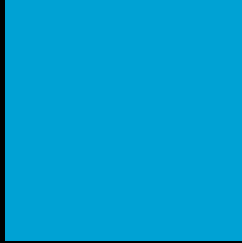
Large Text (above 18pt) WCAG AA × Fail

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 41684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

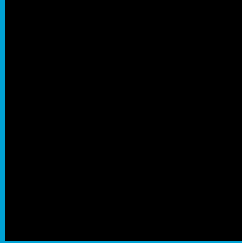
Any Text WCAG AA ✓ Pass

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 41684 Background



This preview shows how black text looks on a background with the Decimal color 41684.



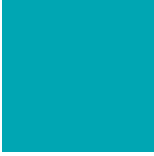
This preview shows how white text looks on a background with the Decimal color 41684.

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](#).

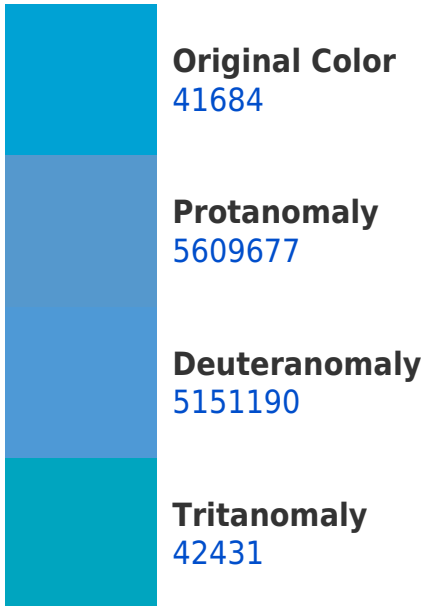
Dichromacy





Tritanopia
42675

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 41684 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 #00A2D4 looks like.

```
.text, #text, p{  
    color:#00A2D4  
}
```

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 #00A2D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2D4
}
```

Border

The CSS property to change the border of an element to Decimal 41684 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
#00A2D4 }
```

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

```
.border{ border-color:#00A2D4 }
```

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

Here you see how a box with a 4 pixel #00A2D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2D4; -webkit-box-shadow:4px 4px  
4px 4px #00A2D4; box-shadow:4px 4px 4px  
4px #00A2D4 }
```

Background

The CSS property to change the background color of an element to Decimal 41684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2D4 }
```

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

```
.background{ background-color:#00A2D4 }
```

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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