

# Converting Colors

Decimal(1615834)

Have a look what the booklet for  
Decimal(1615834) contains.

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# **Color**

**Decimal(1615834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18A7DA
RGB	24, 167, 218
RGB Percent	9%, 65%, 85%
CMY	0.9059, 0.3451, 0.1451
CMYK	0.89, 0.23, 0.00, 0.15
HSL	196°, 80%, 47%
HSV	196°, 89%, 85%
XYZ	26.8503, 32.8936, 71.2636
YIQ	130.0570, -101.5990, -14.4550

# Conversions

## Conversions Part 2

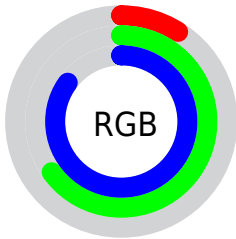
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 106, 218
Decimal	1615834
CIE Lab	64.07, -17.07, -35.59
CIE LCh	64, 39.471, 244.369
Yxy	32.8936, 0.2050, 0.2511
Android (android.graphics.Color)	4279805914 (0xFF18A7DA)
YUV	130.0570, 43.3559, -93.0120
Hunter-Lab	57.3529, -16.8012, -33.5235

# Details

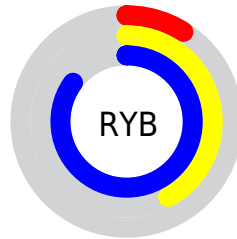
The Decimal color **1615834** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **14306072**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **7200511**, and **29603** is the 20% darker color. If you saturate the color by 10%, you get **172506**, and if you desaturate by 10%, it is **3059162**.

# Distribution



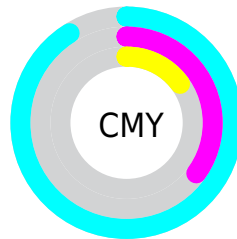
- Red (9%)
- Green (65%)
- Blue (85%)



- Red (9%)
- Yellow (42%)
- Blue (85%)



- Cyan (89%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)



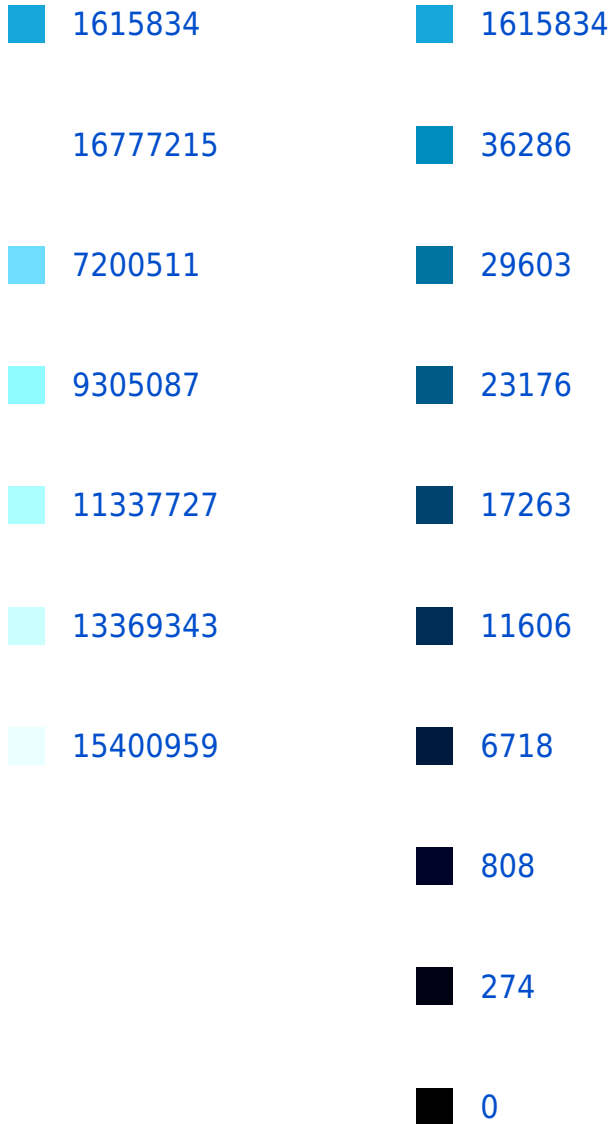
- Cyan (91%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1615834 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 1615834 by changing the saturation by 10% instead.





■ 1615834

■ 1615834

■ 172506

■ 3059162

■ 41434

■ 4502234

■ 5880026

■ 7323354

■ 8766682

■ 10209754

■ 11653082

■ 13030874

■ 14474202

# Harmonies

## Analogous

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



44482



1615834



7249377

# Triad

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



1615834



14581655



8889696

# Complementary

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



1615834



1430672

# 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.



11377492



1615834



14451573

# Square

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



1615834



13403322



13274972



6007676

# Rectangle

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



1615834



9803227



13274972



9806426

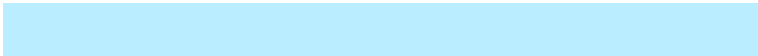


# Sweetspot

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



1615834



12250623



1628744



5731712



0



8421504

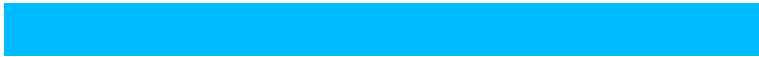


# Same Dimension

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



1615834



48383



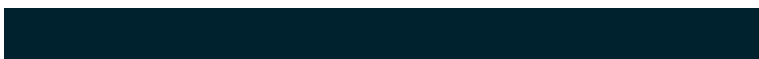
1591514



6515566



32941



8750



# Inverse Universe

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



14293159



16711868



14330392



7234411



11337856



3014690



# Previews

## White Background



This preview shows how the Decimal color 1615834 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 1615834 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 1615834 Background



This preview shows how black text looks on a background with the Decimal color 1615834.



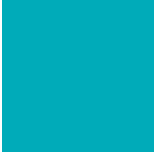
This preview shows how white text looks on a background with the Decimal color 1615834.

# 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**  
43961

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1615834 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 #18A7DA looks like.

```
.text, #text, p{  
    color:#18A7DA  
}
```

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 #18A7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A7DA
}
```

## Border

The CSS property to change the border of an element to Decimal 1615834 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
#18A7DA }
```

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

```
.border{ border-color:#18A7DA }
```

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

Here you see how a box with a 4 pixel #18A7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A7DA; -webkit-box-shadow:4px 4px  
4px 4px #18A7DA; box-shadow:4px 4px 4px  
4px #18A7DA }
```

# Background

The CSS property to change the background color of an element to Decimal 1615834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A7DA }
```

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

```
.background{ background-color:#18A7DA }
```

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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