

# Converting Colors

Decimal(1815011)

Have a look what the booklet for  
Decimal(1815011) contains.

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# **Color**

**Decimal(1815011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BB1E3
RGB	27, 177, 227
RGB Percent	11%, 69%, 89%
CMY	0.8941, 0.3059, 0.1098
CMYK	0.88, 0.22, 0.00, 0.11
HSL	195°, 79%, 50%
HSV	195°, 88%, 89%
XYZ	30.0393, 37.2233, 78.2746
YIQ	137.8500, -105.4500, -16.2500

# Conversions

## Conversions Part 2

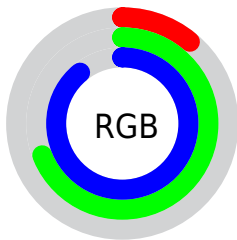
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 113, 227
Decimal	1815011
CIE Lab	67.44, -19.09, -35.29
CIE LCh	67, 40.128, 241.589
Yxy	37.2233, 0.2064, 0.2558
Android (android.graphics.Color)	4280005091 (0xFF1BB1E3)
YUV	137.8500, 43.9509, -97.2155
Hunter-Lab	61.0109, -18.8831, -33.3591

# Details

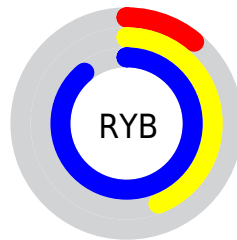
The Decimal color **1815011** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **14896411**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **7465471**, and **31915** is the 20% darker color. If you saturate the color by 10%, you get **306147**, and if you desaturate by 10%, it is **3323875**.

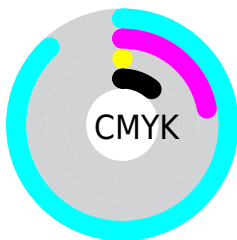
# Distribution



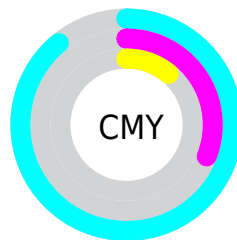
- Red (11%)
- Green (69%)
- Blue (89%)



- Red (11%)
- Yellow (44%)
- Blue (89%)



- Cyan (88%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (31%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1815011 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 1815011 by changing the saturation by 10% instead.



■ 1815011

■ 1815011

16777215

■ 38599

■ 7465471

■ 31915

■ 9568255

■ 25489

■ 11665407

■ 19319

■ 13697023

■ 13662

■ 15728639

■ 8518

■ 1071

■ 282

■ 0

■ 1815011

■ 1815011

■ 306147

■ 3323875

■ 43747

■ 4766947

■ 6275811

■ 7784675

■ 9227747

■ 10736611

■ 12245475

■ 13754083

■ 15197411

# Harmonies

## Analogous

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



46793



1815011



7383020

# Triad

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



1815011



15239076



9743717

# Complementary

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



1815011



14896411

# 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.



12165979



1815011



15240064

# Square

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



1815011



13864647



14128741



6796417

# Rectangle

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



1815011



10067943



14128741



10594911

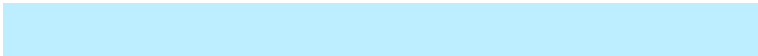


# Sweetspot

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



1815011



12447487



1827661



5797504



0



8421504



# Same Dimension

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



1815011



49151



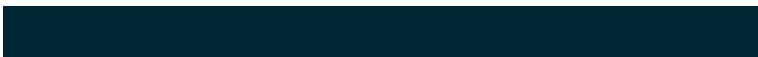
1789411



6778995



34483



9779



# Inverse Universe

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



14883761



16711871



14922011



7563120



11731078

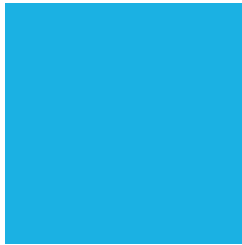


3342374



# Previews

## White Background



This preview shows how the Decimal color 1815011 looks on a white background.

## Color Contrast Check

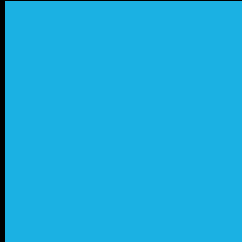
Large Text (above 18pt) WCAG AA × Fail

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 1815011 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 1815011 Background



This preview shows how black text looks on a background with the Decimal color 1815011.



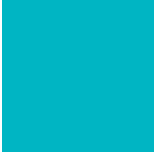
This preview shows how white text looks on a background with the Decimal color 1815011.

# 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**  
46531

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1815011 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 #1BB1E3 looks like.

```
.text, #text, p{  
    color:#1BB1E3  
}
```

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 #1BB1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB1E3
}
```

## Border

The CSS property to change the border of an element to Decimal 1815011 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
#1BB1E3 }
```

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

```
.border{ border-color:#1BB1E3 }
```

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

Here you see how a box with a 4 pixel #1BB1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB1E3; -webkit-box-shadow:4px 4px  
4px 4px #1BB1E3; box-shadow:4px 4px 4px  
4px #1BB1E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 1815011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB1E3 }
```

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

```
.background{ background-color:#1BB1E3 }
```

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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