

Converting Colors

Decimal(2011335)

Have a look what the booklet for
Decimal(2011335) contains.

Decimal(2011335)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2011335)

Conversions

Conversions Part 1

Format	Color
Hex	1EB0C7
RGB	30, 176, 199
RGB Percent	12%, 69%, 78%
CMY	0.8824, 0.3098, 0.2196
CMYK	0.85, 0.12, 0.00, 0.22
HSL	188°, 74%, 45%
HSV	188°, 85%, 78%
XYZ	26.3696, 35.4502, 59.4856
YIQ	134.9680, -94.3990, -23.7990

Conversions

Conversions Part 2

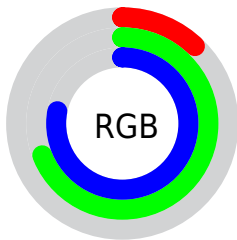
Format	Color
RYB	30, 108, 199
Decimal	2011335
CIELab	66.10, -27.76, -21.95
CIElCh	66, 35.393, 218.331
Yxy	35.4502, 0.2174, 0.2922
Android (android.graphics.Color)	4280201415 (0xFF1EB0C7)
YUV	134.9680, 31.5678, -92.0569
Hunter-Lab	59.5401, -25.1397, -17.5577

Details

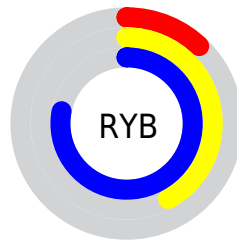
The Decimal color **2011335** is a dark color, and the websafe version is hex **339999**. The color can be described as middle washed azure. A complement of this color would be **13055262**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **7203071**, and **31633** is the 20% darker color. If you saturate the color by 10%, you get **699847**, and if you desaturate by 10%, it is **3322823**.

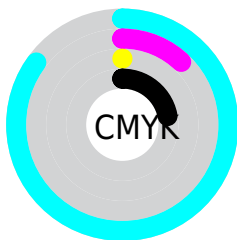
Distribution



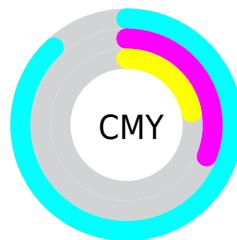
- Red (12%)
- Green (69%)
- Blue (78%)



- Red (12%)
- Yellow (42%)
- Blue (78%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (88%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2011335 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 2011335 by changing the saturation by 10% instead.

■ 2011335

■ 2011335

16777215

■ 38316

■ 7203071

■ 31633

■ 9240575

■ 25207

■ 11272191

■ 19039

■ 13303807

■ 12871

■ 15269887

■ 7984

■ 284

■ 0

■ 2011335

■ 2011335

■ 699847

■ 3322823

■ 44231

■ 4634055

■ 5945543

■ 7257031

■ 8568519

■ 9814215

■ 11125703

■ 12437191

■ 13748423

Harmonies

Analogous

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



3715753



2011335



4958939

Triad

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



2011335



13667257



11379297

Complementary

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



2011335



13055262

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.



13211494



2011335



14583961

Square

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



2011335



11572691



14388603



9087598

Rectangle

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



2011335



7382240



14388603



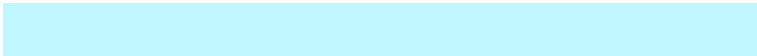
12033633

Sweetspot

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



2011335



12580607



2017077



5864064



0



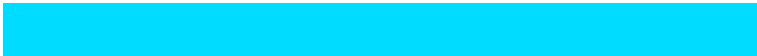
8421504

Same Dimension

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



2011335



56575



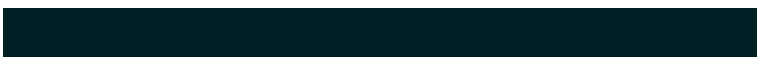
1989831



5923427



36259



7972

Inverse Universe

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



13049520



16711900



13076766



6511202



10682509



2359327

Previews

White Background



This preview shows how the Decimal color 2011335 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 2011335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

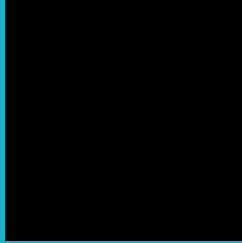
Any Text WCAG AA ✓ Pass

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 2011335 Background



This preview shows how black text looks on a background with the Decimal color 2011335.



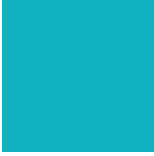
This preview shows how white text looks on a background with the Decimal color 2011335.

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
1094080

Trichromacy



Original Color
2011335



Protanomaly
7185855



Deuteranomaly
7120074



Tritanomaly
1421763

Monochromacy



Original Color
2011335



Achromatopsia
8882055



Achromatomaly
6395550

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2011335 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 #1EB0C7 looks like.

```
.text, #text, p{  
    color:#1EB0C7  
}
```

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 #1EB0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EB0C7
}
```

Border

The CSS property to change the border of an element to Decimal 2011335 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
#1EB0C7 }
```

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

```
.border{ border-color:#1EB0C7 }
```

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

Here you see how a box with a 4 pixel #1EB0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EB0C7; -webkit-box-shadow:4px 4px  
4px 4px #1EB0C7; box-shadow:4px 4px 4px  
4px #1EB0C7 }
```

Background

The CSS property to change the background color of an element to Decimal 2011335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EB0C7 }
```

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

```
.background{ background-color:#1EB0C7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor