

Converting Colors

Decimal(33713)

Have a look what the booklet for
Decimal(33713) contains.

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Color

Decimal(33713)

Conversions

Conversions Part 1

Format	Color
Hex	0083B1
RGB	0, 131, 177
RGB Percent	0%, 51%, 69%
CMY	1.0000, 0.4863, 0.3059
CMYK	1.00, 0.26, 0.00, 0.31
HSL	196°, 100%, 35%
HSV	196°, 100%, 69%
XYZ	16.0521, 19.4069, 44.4948
YIQ	97.0750, -92.8420, -13.4660

Conversions

Conversions Part 2

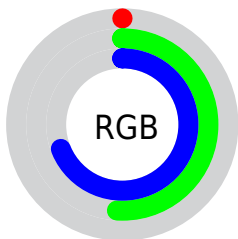
Format	Color
RYB	0, 75, 177
Decimal	33713
CIELab	51.16, -13.11, -32.62
CIELCh	51, 35.157, 248.113
Yxy	19.4069, 0.2008, 0.2427
Android (android.graphics.Color)	4278223793 (0xFF0083B1)
YUV	97.0750, 39.4030, -85.1348
Hunter-Lab	44.0533, -12.0515, -29.0470

Details

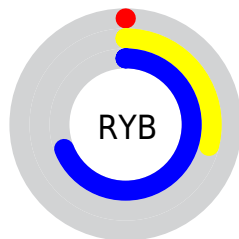
The Decimal color **33713** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11611648**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6076649**, and **21116** is the 20% darker color. If you saturate the color by 10%, you get **33713**, and if you desaturate by 10%, it is **1214641**.

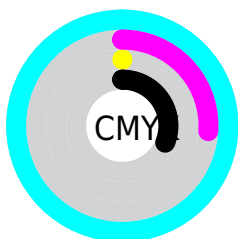
Distribution



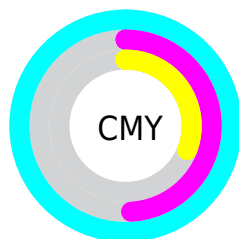
- Red (0%)
- Green (51%)
- Blue (69%)



- Red (0%)
- Yellow (29%)
- Blue (69%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



















- Cyan (100%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33713 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 33713 by changing the saturation by 10% instead.

 33713	 33713
 16777215	 27286
 6076649	 21116
 8115455	 15203
 10088703	 9547
 12058623	 3124
 14024703	 542
 15990783	 0

 33713

 1214641

■ 2329777

■ 3510705

■ 4691377

■ 5872305

■ 6987697

■ 8168369

■ 9349297

■ 10464433

Harmonies

Analogous

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



34974



33713



5864117

Triad

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



33713



11755891



6587209

Complementary

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



33713



11611648

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.



8747837



33713



11494998

Square

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



33713



10904977



10448962



3967074

Rectangle

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



33713



8025007



10448962



7373123

Sweetspot

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



33713



10605798



45356



4810867



15921906



7566195

Same Dimension

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



33713



43750



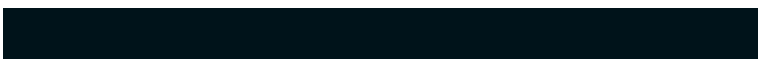
11441



5265241



29081



4890

Inverse Universe

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



11600003



15073450



11633920



5853271



10027121



1703955

Previews

White Background



This preview shows how the Decimal color 33713 looks on a white background.

Color Contrast Check

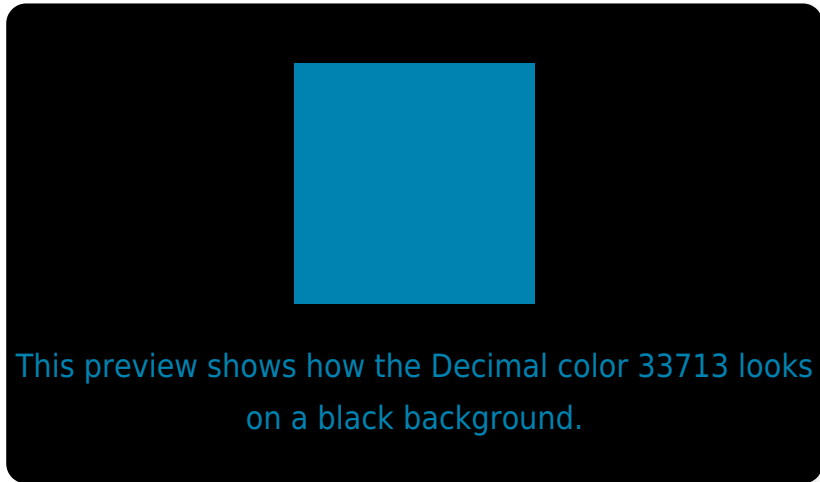
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

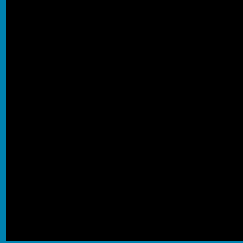
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 33713 Background



This preview shows how black text looks on a background with the Decimal color 33713.



This preview shows how white text looks on a background with the Decimal color 33713.

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](#).

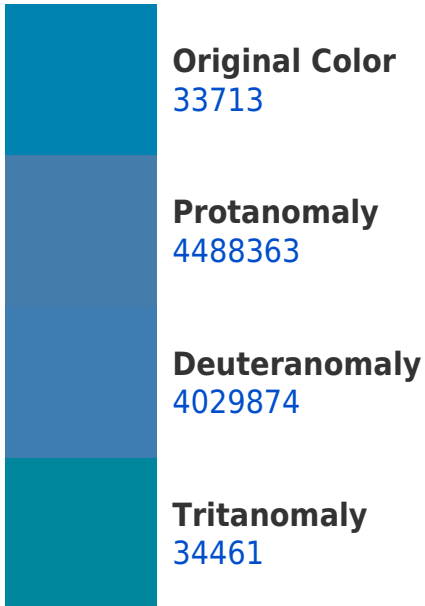
Dichromacy



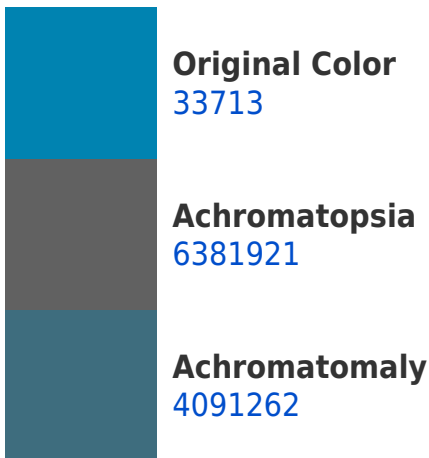


Tritanopia
34705

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33713 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 #0083B1 looks like.

```
.text, #text, p{  
    color:#0083B1  
}
```

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 #0083B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0083B1
}
```

Border

The CSS property to change the border of an element to Decimal 33713 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
#0083B1 }
```

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

```
.border{ border-color:#0083B1 }
```

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

Here you see how a box with a 4 pixel #0083B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0083B1; -webkit-box-shadow:4px 4px  
4px 4px #0083B1; box-shadow:4px 4px 4px  
4px #0083B1 }
```

Background

The CSS property to change the background color of an element to Decimal 33713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0083B1 }
```

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

```
.background{ background-color:#0083B1 }
```

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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