

Converting Colors

Decimal(33420)

Have a look what the booklet for
Decimal(33420) contains.

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Color

Decimal(33420)

Conversions

Conversions Part 1

Format	Color
Hex	00828C
RGB	0, 130, 140
RGB Percent	0%, 51%, 55%
CMY	1.0000, 0.4902, 0.4510
CMYK	1.00, 0.07, 0.00, 0.45
HSL	184°, 100%, 27%
HSV	184°, 100%, 55%
XYZ	12.7163, 17.8587, 27.5878
YIQ	92.2700, -80.6900, -24.4500

Conversions

Conversions Part 2

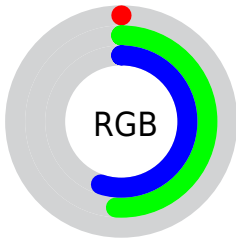
Format	Color
RYB	0, 67, 140
Decimal	33420
CIELab	49.32, -25.84, -13.93
CIELCh	49, 29.357, 208.322
Yxy	17.8587, 0.2186, 0.3070
Android (android.graphics.Color)	4278223500 (0xFF00828C)
YUV	92.2700, 23.5309, -80.9208
Hunter-Lab	42.2596, -20.2421, -9.1239

Details

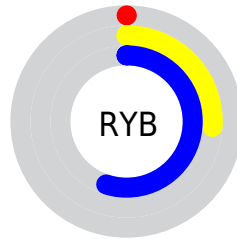
The Decimal color **33420** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9177600**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5617602**, and **20570** is the 20% darker color. If you saturate the color by 10%, you get **33420**, and if you desaturate by 10%, it is **951180**.

Distribution



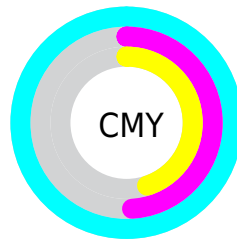
- Red (0%)
- Green (51%)
- Blue (55%)



- Red (0%)
- Yellow (26%)
- Blue (55%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33420 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 33420 by changing the saturation by 10% instead.

 33420  33420

16777215  26995

 5617602  20570

 7525341  14659

 9433338  9004

 11337727  281

 13303807  0

 15204351

 33420

 951180

■ 1868940

■ 2786700

■ 3704460

■ 4622220

■ 5539980

■ 6457740

■ 7375500

■ 8293260

Harmonies

Analogous

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



2982515



33420



1998751

Triad

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



33420



9660304



8876867

Complementary

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



33420



9177600

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.



10120012



33420



10707576

Square

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



33420



7761825



10839135



7174985

Rectangle

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



33420



4160422



10839135



9334852

Sweetspot

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



33420



8368565



35849



3889500



14408667



6052956

Same Dimension

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



33420



43189



15756



4080709



31621



1285

Inverse Universe

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



9175170



11862184



9195264



4537924



8716411



327685

Previews

White Background



This preview shows how the Decimal color 33420 looks on a white background.

Color Contrast Check

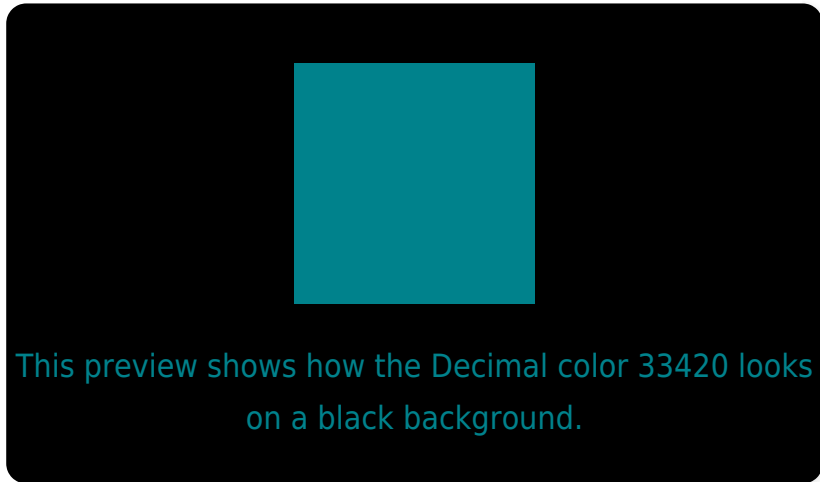
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

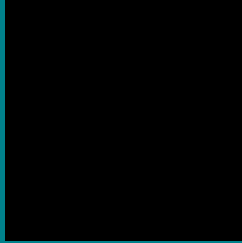
Any Text WCAG AA ✓ Pass

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 33420 Background



This preview shows how black text looks on a background with the Decimal color 33420.

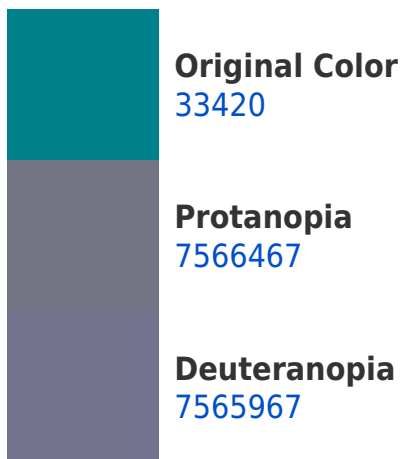


This preview shows how white text looks on a background with the Decimal color 33420.

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



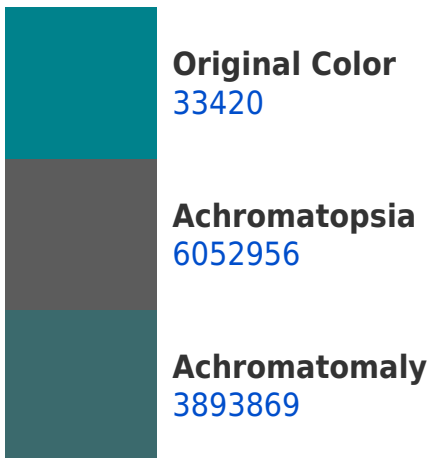


Tritanopia
426636

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33420 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 #00828C looks like.

```
.text, #text, p{  
    color:#00828C  
}
```

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 #00828C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00828C
}
```

Border

The CSS property to change the border of an element to Decimal 33420 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
#00828C }
```

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

```
.border{ border-color:#00828C }
```

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

Here you see how a box with a 4 pixel #00828C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00828C; -webkit-box-shadow:4px 4px  
4px 4px #00828C; box-shadow:4px 4px 4px  
4px #00828C }
```

Background

The CSS property to change the background color of an element to Decimal 33420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00828C }
```

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

```
.background{ background-color:#00828C }
```

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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