

# Converting Colors

Decimal(35213)

Have a look what the booklet for  
Decimal(35213) contains.

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# Color

**Decimal(35213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00898D
RGB	0, 137, 141
RGB Percent	0%, 54%, 55%
CMY	1.0000, 0.4627, 0.4471
CMYK	1.00, 0.03, 0.00, 0.45
HSL	182°, 100%, 28%
HSV	182°, 100%, 55%
XYZ	13.7534, 19.8144, 28.2990
YIQ	96.4930, -82.9360, -27.8000

# Conversions

## Conversions Part 2

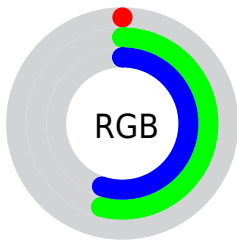
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 69, 141
Decimal	35213
CIELab	51.63, -29.00, -11.04
CIELCh	52, 31.025, 200.838
Yxy	19.8144, 0.2223, 0.3203
Android (android.graphics.Color)	4278225293 (0xFF00898D)
YUV	96.4930, 21.9420, -84.6244
Hunter-Lab	44.5134, -22.7469, -6.5337

# Details

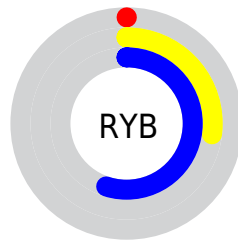
The Decimal color **35213** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9241600**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **5685187**, and **22107** is the 20% darker color. If you saturate the color by 10%, you get **35213**, and if you desaturate by 10%, it is **952717**.

# Distribution



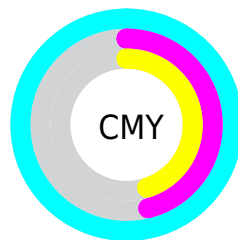
- Red (0%)
- Green (54%)
- Blue (55%)



- Red (0%)
- Yellow (27%)
- Blue (55%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)




- Cyan (100%)
- Magenta (46%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 35213 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 35213 by changing the saturation by 10% instead.



 35213  35213

16777215  28531

 5685187  22107

 7658462  16196

 9566459  10285

 11468799  3097

 13434879  0

 15400959

 35213

 952717

 1870477

 2787981

 3705741

 4688781

 5606285

 6524045

 7441549

 8359309

# Harmonies

## Analogous

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



3639666



35213



427683

# Triad

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



35213



9727645



9729862

# Complementary

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



35213



9241600

# 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.



10906963



35213



11102084

# Square

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



35213



7501741



11495274



8027976

# Rectangle

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



35213



3376045



11495274



10187849



# Sweetspot

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



35213



8500920



36098



3890012



14408667



6052956



# Same Dimension

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



35213



45752



17549



4212551



33671



1800



# Inverse Universe

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



9240713



12058802



9259264



4669511



8847491



524295



# Previews

## White Background



This preview shows how the Decimal color 35213 looks on a white background.

## Color Contrast Check

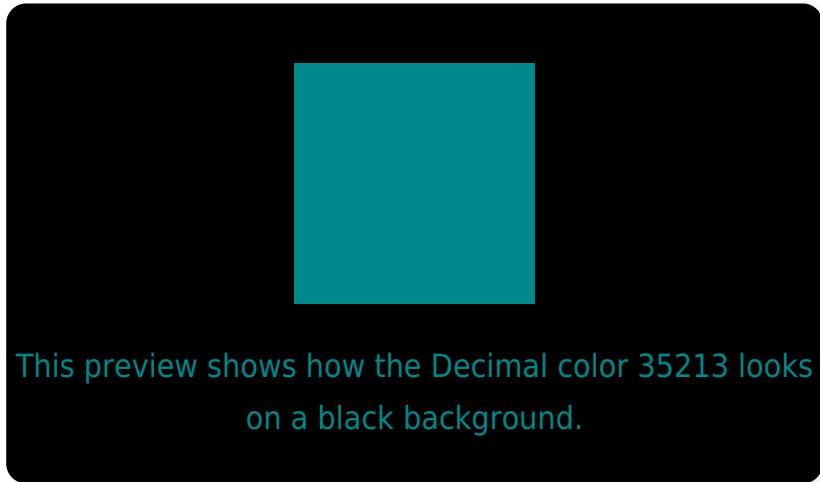
Large Text (above 18pt) WCAG AA ✓ Pass

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

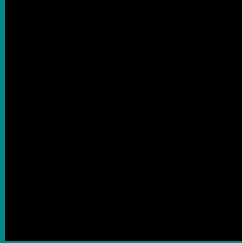
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 35213 Background



This preview shows how black text looks on a background with the Decimal color 35213.

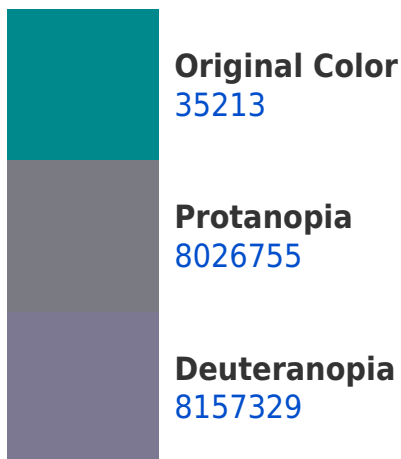


This preview shows how white text looks on a background with the Decimal color 35213.

# 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**  
1345683

# Trichromacy



**Original Color**  
35213

**Protanomaly**  
5144455

**Deuteranomaly**  
5209744

**Tritanomaly**  
886929

# Monochromacy



**Original Color**  
35213

**Achromatopsia**  
6316128

**Achromatomaly**  
4026224

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 35213 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 #00898D looks like.

```
.text, #text, p{  
    color:#00898D  
}
```

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 #00898D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00898D
}
```

## Border

The CSS property to change the border of an element to Decimal 35213 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
#00898D }
```

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

```
.border{ border-color:#00898D }
```

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

Here you see how a box with a 4 pixel #00898D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00898D; -webkit-box-shadow:4px 4px  
4px 4px #00898D; box-shadow:4px 4px 4px  
4px #00898D }
```

# Background

The CSS property to change the background color of an element to Decimal 35213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00898D }
```

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

```
.background{ background-color:#00898D }
```

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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