

Converting Colors

Decimal(35249)

Have a look what the booklet for
Decimal(35249) contains.

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Color

Decimal(35249)

Conversions

Conversions Part 1

Format	Color
Hex	0089B1
RGB	0, 137, 177
RGB Percent	0%, 54%, 69%
CMY	1.0000, 0.4627, 0.3059
CMYK	1.00, 0.23, 0.00, 0.31
HSL	194°, 100%, 35%
HSV	194°, 100%, 69%
XYZ	16.8815, 21.0656, 44.7713
YIQ	100.5970, -94.4920, -16.6040

Conversions

Conversions Part 2

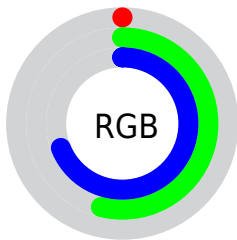
Format	Color
RYB	0, 77, 177
Decimal	35249
CIELab	53.02, -16.45, -29.72
CIElCh	53, 33.968, 241.038
Yxy	21.0656, 0.2041, 0.2547
Android (android.graphics.Color)	4278225329 (0xFF0089B1)
YUV	100.5970, 37.6667, -88.2236
Hunter-Lab	45.8973, -14.6663, -25.7073

Details

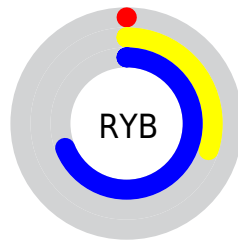
The Decimal color **35249** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11610112**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6143721**, and **22396** is the 20% darker color. If you saturate the color by 10%, you get **35249**, and if you desaturate by 10%, it is **1215921**.

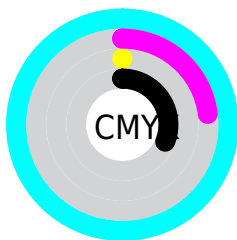
Distribution



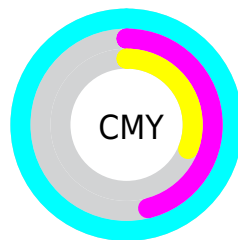
- Red (0%)
- Green (54%)
- Blue (69%)



- Red (0%)
- Yellow (30%)
- Blue (69%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (31%)




















- Cyan (100%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 35249 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 35249 by changing the saturation by 10% instead.

 35249	 35249
 16777215	 28822
 6143721	 22396
 8182527	 16483
 10156031	 10827
 12124159	 5428
 14090239	 543
 16056319	 1
	 0

 35249

■ 1215921

■ 2331057

■ 3511729

■ 4692401

■ 5873073

■ 6988209

■ 8168881

■ 9349553

■ 10464689

Harmonies

Analogous

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



36252



35249



5472697

Triad

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



35249



11888511



7505483

Complementary

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



35249



11610112

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.



9469251



35249



11889250

Square

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



35249



10775707



11039564



5147489

Rectangle

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



35249



7633589



11039564



8225607

Sweetspot

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



35249



10606310



45350



4811123



15921906



7566195

Same Dimension

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



35249



45798



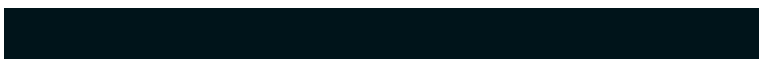
12977



5265241



30361



5146

Inverse Universe

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



11600009



15073458



11632384



5853271



10027126



1703956

Previews

White Background



This preview shows how the Decimal color 35249 looks on a white background.

Color Contrast Check

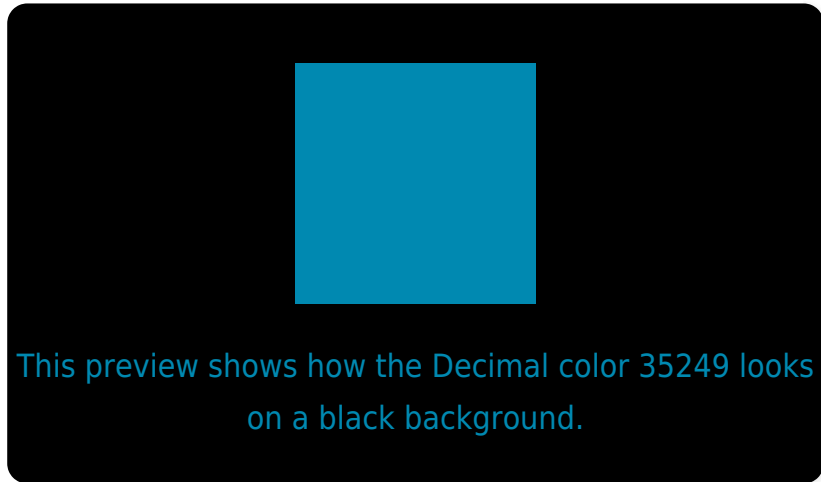
Large Text (above 18pt) WCAG AA ✓ Pass

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

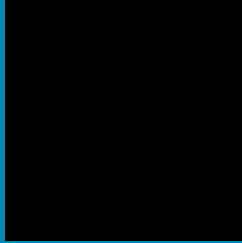
Any Text WCAG AA ✓ Pass

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 35249 Background



This preview shows how black text looks on a background with the Decimal color 35249.



This preview shows how white text looks on a background with the Decimal color 35249.

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](#).

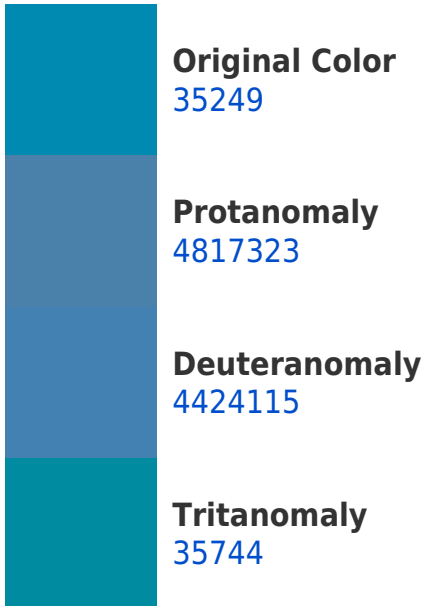
Dichromacy





Tritanopia
35991

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 35249 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 #0089B1 looks like.

```
.text, #text, p{  
    color:#0089B1  
}
```

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 #0089B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089B1
}
```

Border

The CSS property to change the border of an element to Decimal 35249 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
#0089B1 }
```

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

```
.border{ border-color:#0089B1 }
```

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

Here you see how a box with a 4 pixel #0089B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089B1; -webkit-box-shadow:4px 4px  
4px 4px #0089B1; box-shadow:4px 4px 4px  
4px #0089B1 }
```

Background

The CSS property to change the background color of an element to Decimal 35249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089B1 }
```

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

```
.background{ background-color:#0089B1 }
```

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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