

Converting Colors

Decimal(49029)

Have a look what the booklet for
Decimal(49029) contains.

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Color

Decimal(49029)

Conversions

Conversions Part 1

Format	Color
Hex	00BF85
RGB	0, 191, 133
RGB Percent	0%, 75%, 52%
CMY	1.0000, 0.2510, 0.4784
CMYK	1.00, 0.00, 0.30, 0.25
HSL	162°, 100%, 37%
HSV	162°, 100%, 75%
XYZ	22.8644, 38.9551, 28.5043
YIQ	127.2790, -95.2180, -58.5300

Conversions

Conversions Part 2

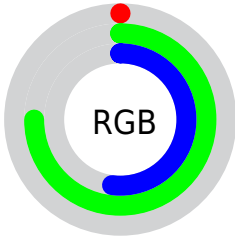
Format	Color
RYB	0, 113, 191
Decimal	49029
CIELab	68.72, -54.20, 18.12
CIElCh	69, 57.152, 161.511
Yxy	38.9551, 0.2531, 0.4313
Android (android.graphics.Color)	4278239109 (0xFF00BF85)
YUV	127.2790, 2.8205, -111.6237
Hunter-Lab	62.4140, -43.8336, 16.6122

Details

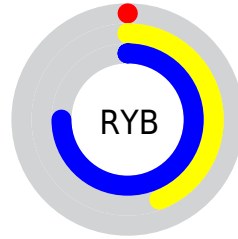
The Decimal color **49029** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **12517434**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **6486202**, and **34899** is the 20% darker color. If you saturate the color by 10%, you get **49029**, and if you desaturate by 10%, it is **1294219**.

Distribution



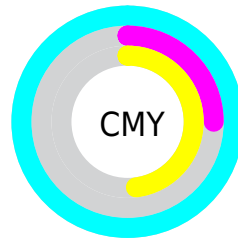
- Red (0%)
- Green (75%)
- Blue (52%)



- Red (0%)
- Yellow (44%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49029 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 49029 by changing the saturation by 10% instead.

 49029	 49029
 16777215	 41836
 6486202	 34899
 8585174	 28220
 10616819	 21542
 12582911	 15120
 14614527	 9472
 16580607	 0

 49029

 1294219

 2539409

 3784598

 5029788

 6340514

 7585704

 8830894

 10076083

 11321273

Harmonies

Analogous

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



7977046



49029



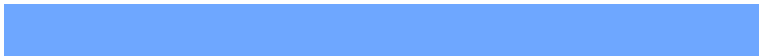
49595

Triad

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



49029



7251967



16680549

Complementary

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



49029



12517434

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.



16743062



49029



12948214

Square

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



49029



46847



16154570



14653763

Rectangle

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



49029



49372



16154570



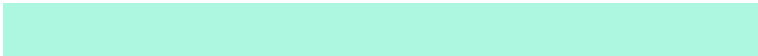
16744564

Sweetspot

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



49029



11401185



3981056



5274991



16579836



8224125

Same Dimension

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



49029



63404



40127



5594715



40558



7957

Inverse Universe

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



12517434



16187467



12526336



6182232



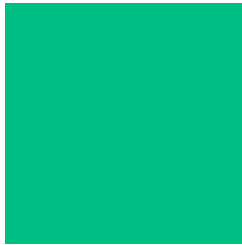
10354736



2031625

Previews

White Background



This preview shows how the Decimal color 49029 looks on a white background.

Color Contrast Check

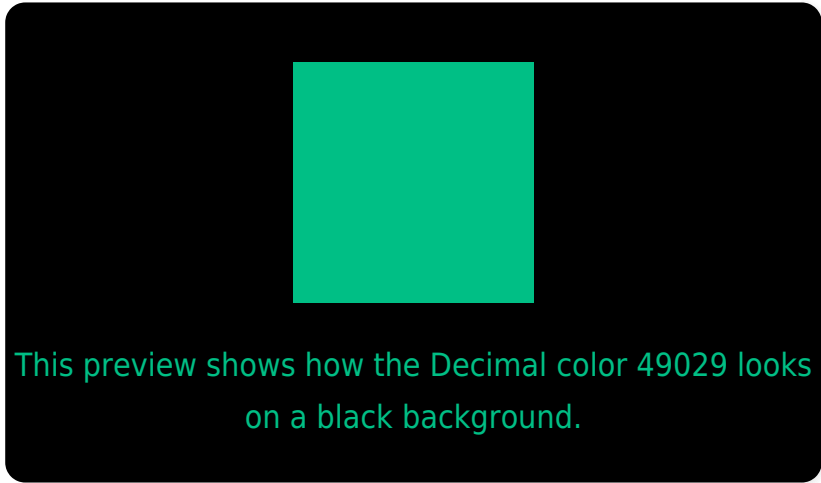
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 49029 Background



This preview shows how black text looks on a background with the Decimal color 49029.



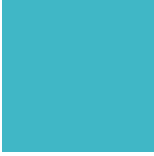
This preview shows how white text looks on a background with the Decimal color 49029.

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
4241350

Trichromacy



Original Color

49029



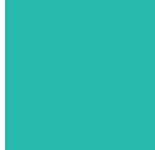
Protanomaly

7516030



Deuteranomaly

8039305



Tritanomaly

2734766

Monochromacy



Original Color

49029



Achromatopsia

8355711



Achromatomaly

5346945

CSS Examples

Text

The CSS property to change the color of the text to Decimal 49029 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 #00BF85 looks like.

```
.text, #text, p{  
    color:#00BF85  
}
```

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 #00BF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF85
}
```

Border

The CSS property to change the border of an element to Decimal 49029 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
#00BF85 }
```

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

```
.border{ border-color:#00BF85 }
```

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

Here you see how a box with a 4 pixel #00BF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF85; -webkit-box-shadow:4px 4px  
4px 4px #00BF85; box-shadow:4px 4px 4px  
4px #00BF85 }
```

Background

The CSS property to change the background color of an element to Decimal 49029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF85 }
```

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

```
.background{ background-color:#00BF85 }
```

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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