

Converting Colors

Decimal(4113049)

Have a look what the booklet for
Decimal(4113049) contains.

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Color

Decimal(4113049)

Conversions

Conversions Part 1

Format	Color
Hex	3EC299
RGB	62, 194, 153
RGB Percent	24%, 76%, 60%
CMY	0.7569, 0.2392, 0.4000
CMYK	0.68, 0.00, 0.21, 0.24
HSL	161°, 52%, 50%
HSV	161°, 68%, 76%
XYZ	27.0282, 41.9076, 36.8014
YIQ	149.8580, -65.5110, -40.7350

Conversions

Conversions Part 2

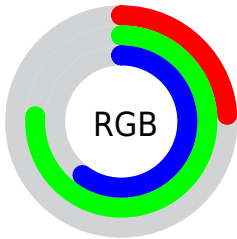
Format	Color
RYB	62, 140, 194
Decimal	4113049
CIELab	70.81, -45.37, 10.35
CIELCh	71, 46.537, 167.147
Yxy	41.9076, 0.2556, 0.3963
Android (android.graphics.Color)	4282303129 (0xFF3EC299)
YUV	149.8580, 1.5490, -77.0515
Hunter-Lab	64.7361, -38.7621, 11.6098

Details

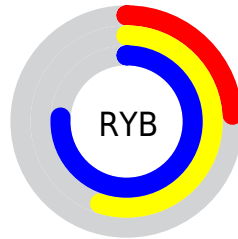
The Decimal color **4113049** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **12729959**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **8256463**, and **35686** is the 20% darker color. If you saturate the color by 10%, you get **2867859**, and if you desaturate by 10%, it is **5358239**.

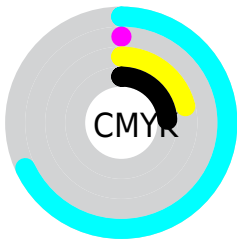
Distribution



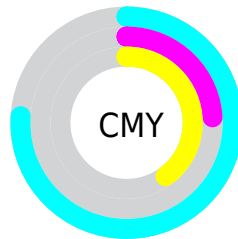
- Red (24%)
- Green (76%)
- Blue (60%)



- Red (24%)
- Yellow (55%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4113049 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 4113049 by changing the saturation by 10% instead.



4113049



4113049

16777215



1025663



8256463



35686



10223596



29006



12124159



22583



14090239



16162



16056319



10764



1536



0



4113049



4113049

■ 2867859

■ 5358239

■ 1557133

■ 6668965

■ 311943

■ 7914155

■ 49798

■ 9224881

■ 10470071

■ 11715261

■ 13025987

■ 14271177

■ 15581903

Harmonies

Analogous

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



8371314



4113049



50117

Triad

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



4113049



9742846



15963505

Complementary

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



4113049



12729959

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.



16681878



4113049



13670887

Square

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



4113049



3717119



15961537



14132314

Rectangle

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



4113049



49631



15961537



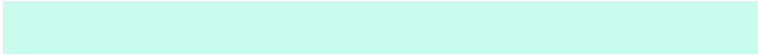
16355708

Sweetspot

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



4113049



13303021



6865470



6389878



0



8421504

Same Dimension

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



4113049



3013820



4106946



5726558



41327



8471

Inverse Universe

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



12729959



16526702



12736062



6379354



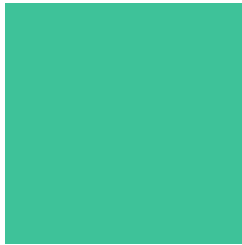
10551346



2162698

Previews

White Background



This preview shows how the Decimal color 4113049 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



This preview shows how the Decimal color 4113049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

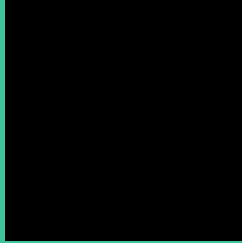
Any Text WCAG AA ✓ Pass

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 4113049 Background



This preview shows how black text looks on a background with the Decimal color 4113049.



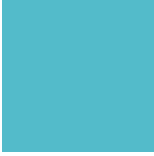
This preview shows how white text looks on a background with the Decimal color 4113049.

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
5487562

Trichromacy



Original Color
4113049



Protanomaly
9090194



Deuteranomaly
9547933



Tritanomaly
4964024

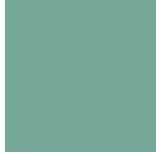
Monochromacy



Original Color
4113049



Achromatopsia
9868950



Achromatomaly
7775895

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4113049 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 #3EC299 looks like.

```
.text, #text, p{  
    color:#3EC299  
}
```

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 #3EC299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC299
}
```

Border

The CSS property to change the border of an element to Decimal 4113049 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
#3EC299 }
```

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

```
.border{ border-color:#3EC299 }
```

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

Here you see how a box with a 4 pixel #3EC299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC299; -webkit-box-shadow:4px 4px  
4px 4px #3EC299; box-shadow:4px 4px 4px  
4px #3EC299 }
```

Background

The CSS property to change the background color of an element to Decimal 4113049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC299 }
```

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

```
.background{ background-color:#3EC299 }
```

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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