

Converting Colors

Decimal(2337189)

Have a look what the booklet for
Decimal(2337189) contains.

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Color

Decimal(2337189)

Conversions

Conversions Part 1

Format	Color
Hex	23A9A5
RGB	35, 169, 165
RGB Percent	14%, 66%, 65%
CMY	0.8627, 0.3373, 0.3529
CMYK	0.79, 0.00, 0.02, 0.34
HSL	178°, 66%, 40%
HSV	178°, 79%, 66%
XYZ	21.6726, 31.4499, 40.5255
YIQ	128.4780, -78.5800, -29.6520

Conversions

Conversions Part 2

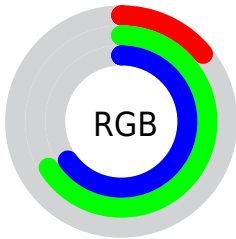
Format	Color
R _Y B	35, 103, 169
Decimal	2337189
CIE Lab	62.89, -34.56, -7.85
CIE LCh	63, 35.441, 192.805
Yxy	31.4499, 0.2314, 0.3358
Android (android.graphics.Color)	4280527269 (0xFF23A9A5)
YUV	128.4780, 18.0053, -81.9802
Hunter-Lab	56.0802, -29.1576, -3.5889

Details

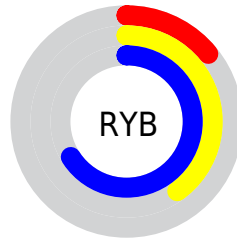
The Decimal color **2337189** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11084583**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **7004636**, and **29809** is the 20% darker color. If you saturate the color by 10%, you get **1223076**, and if you desaturate by 10%, it is **3451302**.

Distribution



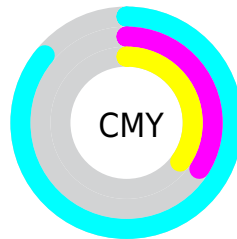
- Red (14%)
- Green (66%)
- Blue (65%)



- Red (14%)
- Yellow (40%)
- Blue (66%)



- Cyan (79%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (86%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2337189 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 2337189 by changing the saturation by 10% instead.

2337189

2337189

16777215

36491

7004636

29809

8978168

23385

10944511

17218

12910591

11308

14876671

4887

0

2337189

2337189

1223076

3451302

■ 108964

■ 4565414

■ 43428

■ 5679527

■ 6793639

■ 7842216

■ 8956328

■ 10070441

■ 11184553

■ 12298666

Harmonies

Analogous

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



5548164



2337189



305090

Triad

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



2337189



11373511



12357724

Complementary

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



2337189



11084583

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.



13665903



2337189



13271724

Square

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



2337189



8427477



13992076



10459994

Rectangle

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



2337189



3449807



13992076



12880993

Sweetspot

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



2337189



11000794



2599203



5140077



15592941



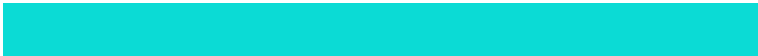
7237230

Same Dimension

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



2337189



777173



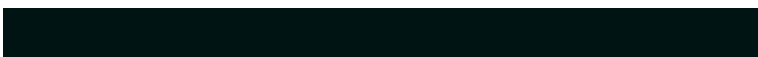
2321065



5002324



38031



5140

Inverse Universe

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



11084583



14355217



11100707



5524556



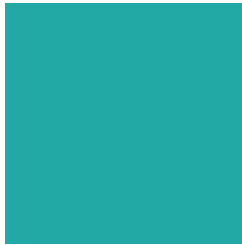
9699332



1310721

Previews

White Background



This preview shows how the Decimal color 2337189 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 2337189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

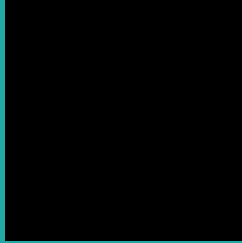
Any Text WCAG AA ✓ Pass

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 2337189 Background



This preview shows how black text looks on a background with the Decimal color 2337189.

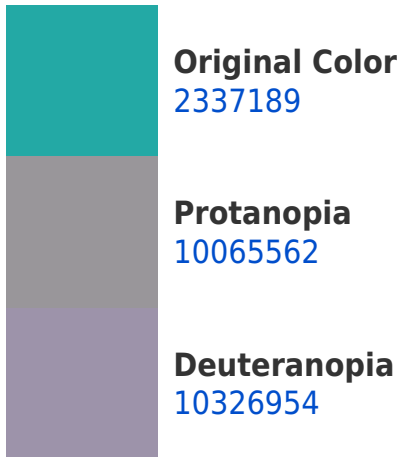


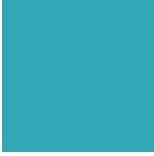
This preview shows how white text looks on a background with the Decimal color 2337189.

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
3123124

Trichromacy



Original Color
2337189



Protanomaly
7249310



Deuteranomaly
7445416



Tritanomaly
2861231

Monochromacy



Original Color
2337189



Achromatopsia
8421504



Achromatomaly
6197133

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2337189 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 #23A9A5 looks like.

```
.text, #text, p{  
    color:#23A9A5  
}
```

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 #23A9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A9A5
}
```

Border

The CSS property to change the border of an element to Decimal 2337189 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
#23A9A5 }
```

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

```
.border{ border-color:#23A9A5 }
```

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

Here you see how a box with a 4 pixel #23A9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A9A5; -webkit-box-shadow:4px 4px  
4px 4px #23A9A5; box-shadow:4px 4px 4px  
4px #23A9A5 }
```

Background

The CSS property to change the background color of an element to Decimal 2337189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A9A5 }
```

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

```
.background{ background-color:#23A9A5 }
```

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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