

# Converting Colors

Decimal(4371636)

Have a look what the booklet for  
Decimal(4371636) contains.

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# Color

**Decimal(4371636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42B4B4
RGB	66, 180, 180
RGB Percent	26%, 71%, 71%
CMY	0.7412, 0.2941, 0.2941
CMYK	0.63, 0.00, 0.00, 0.29
HSL	180°, 46%, 48%
HSV	180°, 63%, 71%
XYZ	26.8062, 37.0961, 48.9274
YIQ	145.9140, -67.9440, -24.1680

# Conversions

## Conversions Part 2

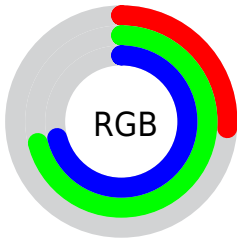
Format	Color
<a href="#">RYB</a>	<a href="#">66, 123, 180</a>
Decimal	<a href="#">4371636</a>
CIELab	<a href="#">67.35, -31.37, -9.48</a>
CIElCh	<a href="#">67, 32.770, 196.822</a>
Yxy	<a href="#">37.0961, 0.2376, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4282561716 (0xFF42B4B4)</a>
YUV	<a href="#">145.9140, 16.8044, -70.0846</a>
Hunter-Lab	<a href="#">60.9065, -28.0248, -4.9943</a>

# Details

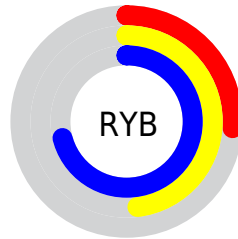
The Decimal color **4371636** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **11813442**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8449260**, and **32639** is the 20% darker color. If you saturate the color by 10%, you get **3191988**, and if you desaturate by 10%, it is **5551284**.

# Distribution



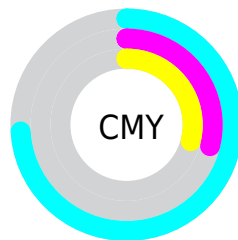
- Red (26%)
- Green (71%)
- Blue (71%)



- Red (26%)
- Yellow (48%)
- Blue (71%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (74%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4371636 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 4371636 by changing the saturation by 10% instead.



 4371636

 4371636

16777215

 1743257

 8449260

 32639

 10354687

 25958

 12255231

 19790

 14221311

 13624

 16187391

 8738

 12

 0

 4371636

 4371636

■ 3191988

■ 5551284

■ 2012340

■ 6730932

■ 832692

■ 7910580

■ 46260

■ 9090228

■ 10269876

■ 11449524

■ 12629172

■ 13808820

■ 14988468

# Harmonies

## Analogous

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



6468502



4371636



4239822

# Triad

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



4371636



12359629



12885611

# Complementary

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



4371636



11813442

# 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.



14193786



4371636



14061490

# Square

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



4371636



9806300



14651028



10987371

# Rectangle

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



4371636



5811674



14651028



13343342



# Sweetspot

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



4371636



12512235



4371522



5928309



16119285



7697781



# Same Dimension

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



4371636



3730411



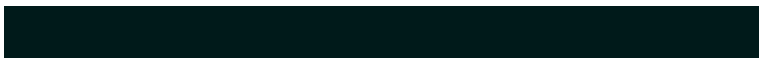
4357044



5265753



39321



6682



# Inverse Universe

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



11813556



15415531



11828034



5853273



10027161

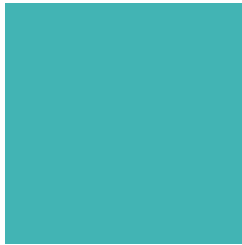


1703962



# Previews

## White Background



This preview shows how the Decimal color 4371636 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 4371636 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

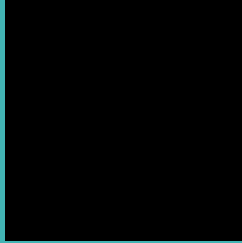
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

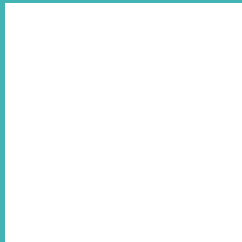
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4371636 Background



This preview shows how black text looks on a background with the Decimal color 4371636.



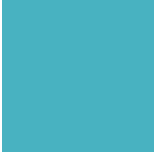
This preview shows how white text looks on a background with the Decimal color 4371636.

# 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**  
4764353

# Trichromacy



**Original Color**  
4371636



**Protanomaly**  
8432045



**Deuteranomaly**  
8628151



**Tritanomaly**  
4633532

# Monochromacy



**Original Color**  
4371636



**Achromatopsia**  
9605778



**Achromatomaly**  
7708318

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4371636 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 #42B4B4 looks like.

```
.text, #text, p{  
  color:#42B4B4  
}
```

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 #42B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B4B4
}
```

## Border

The CSS property to change the border of an element to Decimal 4371636 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
#42B4B4 }
```

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

```
.border{ border-color:#42B4B4 }
```

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

Here you see how a box with a 4 pixel #42B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B4B4; -webkit-box-shadow:4px 4px  
4px 4px #42B4B4; box-shadow:4px 4px 4px  
4px #42B4B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 4371636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B4B4 }
```

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

```
.background{ background-color:#42B4B4 }
```

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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