

# Converting Colors

Decimal(4237256)

Have a look what the booklet for  
Decimal(4237256) contains.

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# **Color**

**Decimal(4237256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40A7C8
RGB	64, 167, 200
RGB Percent	25%, 65%, 78%
CMY	0.7490, 0.3451, 0.2157
CMYK	0.68, 0.16, 0.00, 0.22
HSL	195°, 55%, 52%
HSV	195°, 68%, 78%
XYZ	26.3584, 32.8976, 59.6042
YIQ	139.9650, -71.9810, -11.5730

# Conversions

## Conversions Part 2

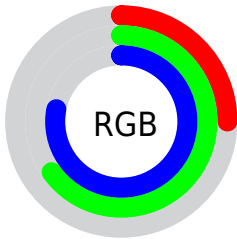
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 123, 200
Decimal	4237256
CIELab	64.08, -19.10, -25.54
CIELCh	64, 31.896, 233.206
Yxy	32.8976, 0.2218, 0.2768
Android (android.graphics.Color)	4282427336 (0xFF40A7C8)
YUV	139.9650, 29.5973, -66.6213
Hunter-Lab	57.3564, -18.3432, -21.4641

# Details

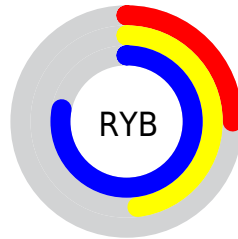
The Decimal color **4237256** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **13132096**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **8380159**, and **29586** is the 20% darker color. If you saturate the color by 10%, you get **2925256**, and if you desaturate by 10%, it is **5549256**.

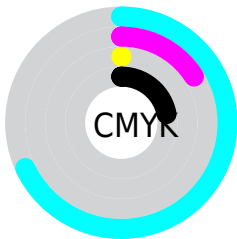
# Distribution



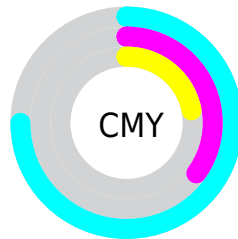
- Red (25%)
- Green (65%)
- Blue (78%)



- Red (25%)
- Yellow (48%)
- Blue (78%)



- Cyan (68%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (75%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4237256 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 4237256 by changing the saturation by 10% instead.



■ 4237256

■ 4237256

16777215

■ 1281453

■ 8380159

■ 29586

■ 10353663

■ 23160

■ 12255231

■ 17247

■ 14221311

■ 11335

■ 16187391

■ 6449

■ 284

■ 0

■ 4237256

■ 4237256

■ 2925256

■ 5549256

■ 1613256

■ 6861256

■ 301256

■ 8173256

■ 38856

■ 9485000

■ 10797000

■ 12109000

■ 13421000

■ 14733000

■ 16045000

# Harmonies

## Analogous

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



3648177



4237256



6987987

# Triad

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



4237256



13534883



10002534

# Complementary

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



4237256



13132096

# 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.



11900771



4237256



13862790

# Square

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



4237256



12160190



13274735



7841656

# Rectangle

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



4237256



8952530



13274735



10657379

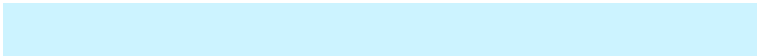


# Sweetspot

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



4237256



13431807



4245600



6387840



0



8421504



# Same Dimension

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



4237256



3067135



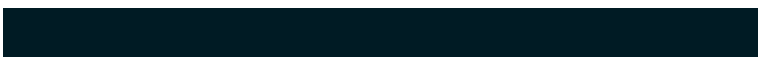
4220104



5923171



31907



6948



# Inverse Universe

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



13123751



16723660



13149248



6511201



10682492



2359323



# Previews

## White Background



This preview shows how the Decimal color 4237256 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 4237256 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 4237256 Background



This preview shows how black text looks on a background with the Decimal color 4237256.

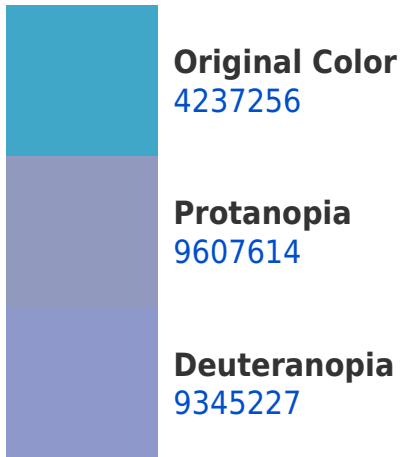


This preview shows how white text looks on a background with the Decimal color 4237256.

# 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**  
3582648

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4237256 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 #40A7C8 looks like.

```
.text, #text, p{  
    color:#40A7C8  
}
```

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 #40A7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A7C8
}
```

## Border

The CSS property to change the border of an element to Decimal 4237256 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
#40A7C8 }
```

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

```
.border{ border-color:#40A7C8 }
```

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

Here you see how a box with a 4 pixel #40A7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A7C8; -webkit-box-shadow:4px 4px  
4px 4px #40A7C8; box-shadow:4px 4px 4px  
4px #40A7C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 4237256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A7C8 }
```

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

```
.background{ background-color:#40A7C8 }
```

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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