

Converting Colors

Decimal(3976117)

Have a look what the booklet for
Decimal(3976117) contains.

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Color

Decimal(3976117)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3CABB5 |
| RGB | 60, 171, 181 |
| RGB Percent | 24%, 67%, 71% |
| CMY | 0.7647, 0.3294, 0.2902 |
| CMYK | 0.67, 0.06, 0.00, 0.29 |
| HSL | 185°, 50%, 47% |
| HSV | 185°, 67%, 71% |
| XYZ | 24.7669, 33.4227, 48.8619 |
| YIQ | 138.9510, -69.3660, -20.4220 |

Conversions

Conversions Part 2

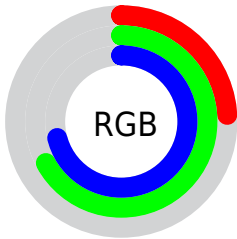
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 60, 118, 181 |
| Decimal | 3976117 |
| CIELab | 64.50, -27.63, -14.32 |
| CIELCh | 65, 31.122, 207.404 |
| Yxy | 33.4227, 0.2314, 0.3122 |
| Android (android.graphics.Color) | 4282166197 (0xFF3CABB5) |
| YUV | 138.9510, 20.7302, -69.2400 |
| Hunter-Lab | 57.8123, -24.7020, -9.6422 |




Details

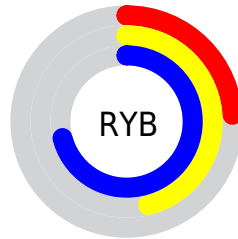
The Decimal color **3976117** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11879996**, and the grayscale version is **9145227**.




A 20% lighter version of the original color is **8053741**, and **30336** is the 20% darker color. If you saturate the color by 10%, you get **2796213**, and if you desaturate by 10%, it is **5156021**.

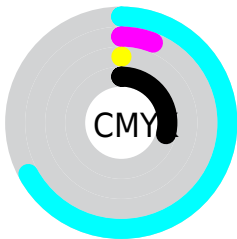
Distribution







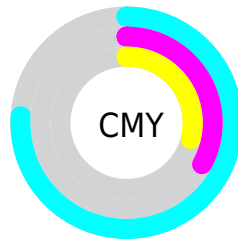
-  Red (24%)
-  Green (67%)
-  Blue (71%)






-  Red (24%)
-  Yellow (46%)
-  Blue (71%)



-  Cyan (67%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (76%)
-  Magenta (33%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3976117 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 3976117 by changing the saturation by 10% instead.



3976117



3976117

16777215



888986



8053741



30336



10027007



23911



11927551



17743



13893631



11832



15859711



6691



12



0



3976117



3976117

■ 2796213

■ 5156021

■ 1616053

■ 6336181

■ 436149

■ 7516085

■ 42677

■ 8696245

■ 9941685

■ 11121845

■ 12301749

■ 13481909

■ 14661813

Harmonies

Analogous

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



5483417



3976117



4892618

Triad

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



3976117



12422587



11704933

Complementary

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



3976117



11879996

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.



13144175



3976117



13666464

Square

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



3976117



10327758



13863300



9806442

Rectangle

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



3976117



6595538



13863300



12228454

Sweetspot

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



3976117



12380139



3978564



5862261



16119285



7697781

Same Dimension

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



3976117



3136491



3961013



5265753



35993



5914

Inverse Universe

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



11877547



15413211



11895100



5853273



10027148



1703959

Previews

White Background



This preview shows how the Decimal color 3976117 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 3976117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

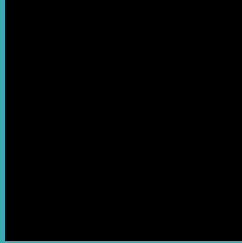
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

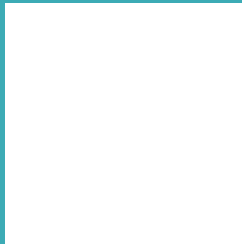
Any Text WCAG AAA ✓ Pass

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

Decimal 3976117 Background



This preview shows how black text looks on a background with the Decimal color 3976117.

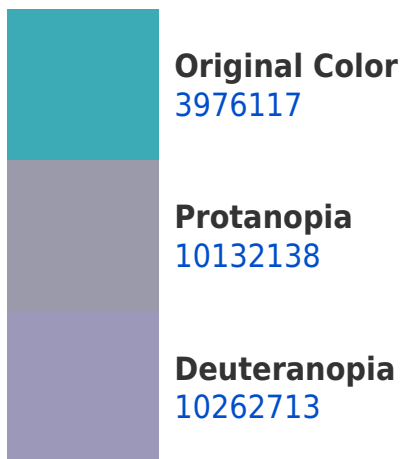



This preview shows how white text looks on a background with the Decimal color 3976117.

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
4106936

Trichromacy



Original Color
3976117



Protanomaly
7905454



Deuteranomaly
7970744



Tritanomaly
4041399

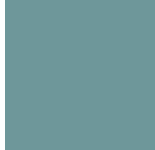
Monochromacy



Original Color
3976117



Achromatopsia
9145227



Achromatomaly
7247770

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3976117 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 #3CABB5 looks like.

```
.text, #text, p{  
    color:#3CABB5  
}
```

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 #3CABB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CABB5  
}
```

Border

The CSS property to change the border of an element to Decimal 3976117 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  
#3CABB5 }
```

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

```
.border{ border-color:#3CABB5 }
```

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

Here you see how a box with a 4 pixel #3CABB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CABB5; -webkit-box-shadow:4px 4px  
4px 4px #3CABB5; box-shadow:4px 4px 4px  
4px #3CABB5 }
```

Background

The CSS property to change the background color of an element to Decimal 3976117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CABB5 }
```

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

```
.background{ background-color:#3CABB5 }
```

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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