

Converting Colors

Decimal(4037017)

Have a look what the booklet for
Decimal(4037017) contains.

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Color

Decimal(4037017)

Conversions

Conversions Part 1

Format	Color
Hex	3D9999
RGB	61, 153, 153
RGB Percent	24%, 60%, 60%
CMY	0.7608, 0.4000, 0.4000
CMYK	0.60, 0.00, 0.00, 0.40
HSL	180°, 43%, 42%
HSV	180°, 60%, 60%
XYZ	19.0655, 26.0745, 34.1650
YIQ	125.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

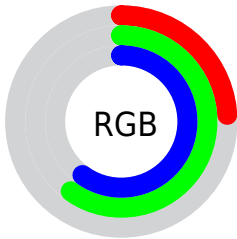
Format	Color
RYB	61, 107, 153
Decimal	4037017
CIELab	58.11, -26.74, -8.13
CIELCh	58, 27.950, 196.918
Yxy	26.0745, 0.2404, 0.3288
Android (android.graphics.Color)	4282227097 (0xFF3D9999)
YUV	125.4920, 13.5614, -56.5595
Hunter-Lab	51.0632, -22.7140, -3.9251

Details

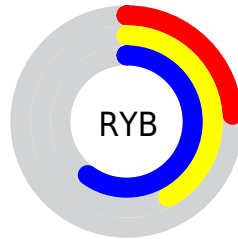
The Decimal color **4037017** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10042685**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **7852239**, and **25958** is the 20% darker color. If you saturate the color by 10%, you get **3053977**, and if you desaturate by 10%, it is **5020057**.

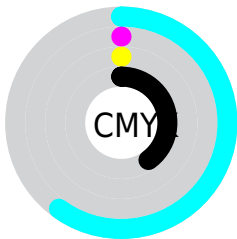
Distribution



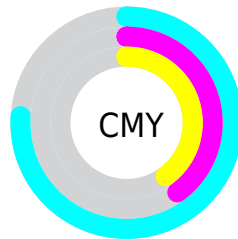
- Red (24%)
- Green (60%)
- Blue (60%)



- Red (24%)
- Yellow (42%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 4037017 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 4037017 by changing the saturation by 10% instead.

■ 4037017

■ 4037017

16777215

■ 1736575

■ 7852239

■ 25958

■ 9694443

■ 19790

■ 11599871

■ 13879

■ 13500415

■ 8482

■ 15400959

■ 12

■ 0

■ 4037017

■ 4037017

■ 3053977

■ 5020057

■ 2005401

■ 6068633

■ 1022361

■ 7051673

■ 39321

■ 8034713

■ 9083289

■ 10066329

■ 11049369

■ 12032409

■ 13080985

Harmonies

Analogous

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



5675136



4037017



3970991

Triad

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



4037017



10518957



10913372

Complementary

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



4037017



10042685

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.



12025449



4037017



11893399

Square

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



4037017



8423866



12352127



9342812

Rectangle

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



4037017



5149624



12352127



11371615

Sweetspot

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



4037017



10733511



4036925



5137251



14935011



6513507

Same Dimension

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



4037017



3721159



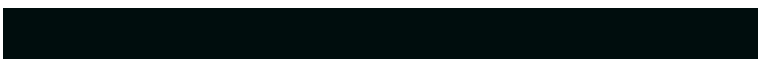
4025241



4541773



35980



3341

Inverse Universe

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



10042777



13056199



10054461



5064013



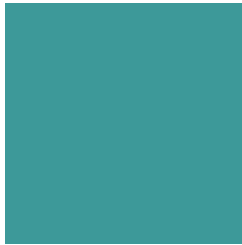
9175180



851981

Previews

White Background



This preview shows how the Decimal color 4037017 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4037017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

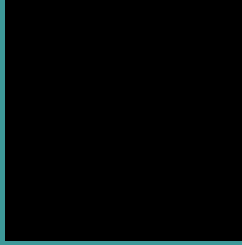
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4037017 Background



This preview shows how black text looks on a background with the Decimal color 4037017.

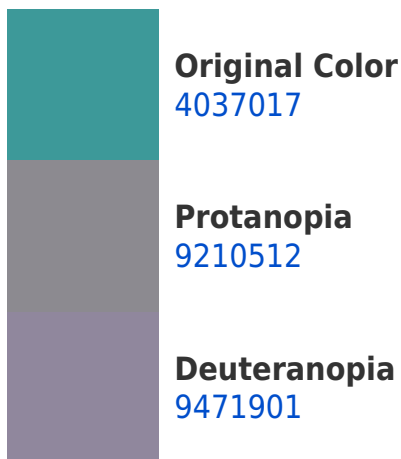



This preview shows how white text looks on a background with the Decimal color 4037017.

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
4364196

Trichromacy



Original Color
4037017

Protanomaly
7311251

Deuteranomaly
7507612

Tritanomaly
4233376

Monochromacy



Original Color
4037017

Achromatopsia
8224125

Achromatomaly
6719367

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4037017 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 #3D9999 looks like.

```
.text, #text, p{  
    color:#3D9999  
}
```

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 #3D9999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9999
}
```

Border

The CSS property to change the border of an element to Decimal 4037017 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
#3D9999 }
```

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

```
.border{ border-color:#3D9999 }
```

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

Here you see how a box with a 4 pixel #3D9999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9999; -webkit-box-shadow:4px 4px  
4px 4px #3D9999; box-shadow:4px 4px 4px  
4px #3D9999 }
```

Background

The CSS property to change the background color of an element to Decimal 4037017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9999 }
```

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

```
.background{ background-color:#3D9999 }
```

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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