

Converting Colors

Decimal(3713474)

Have a look what the booklet for
Decimal(3713474) contains.

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Color

Decimal(3713474)

Conversions

Conversions Part 1

Format	Color
Hex	38A9C2
RGB	56, 169, 194
RGB Percent	22%, 66%, 76%
CMY	0.7804, 0.3373, 0.2392
CMYK	0.71, 0.13, 0.00, 0.24
HSL	191°, 55%, 49%
HSV	191°, 71%, 76%
XYZ	25.5565, 33.1117, 56.0832
YIQ	138.0630, -75.3730, -16.1810

Conversions

Conversions Part 2

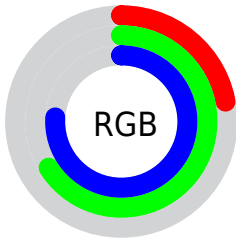
Format	Color
RYB	56, 118, 194
Decimal	3713474
CIELab	64.25, -23.19, -21.96
CIELCh	64, 31.936, 223.431
Yxy	33.1117, 0.2227, 0.2886
Android (android.graphics.Color)	4281903554 (0xFF38A9C2)
YUV	138.0630, 27.5769, -71.9693
Hunter-Lab	57.5428, -21.4227, -17.5061

Details

The Decimal color **3713474** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **12734776**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **7987451**, and **30092** is the 20% darker color. If you saturate the color by 10%, you get **2467266**, and if you desaturate by 10%, it is **4959682**.

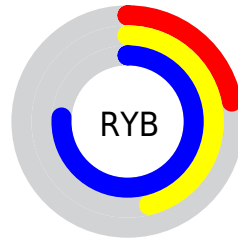
Distribution



Red (22%)

Green (66%)

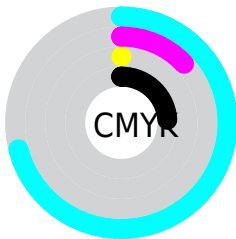
Blue (76%)



Red (22%)

Yellow (46%)

Blue (76%)

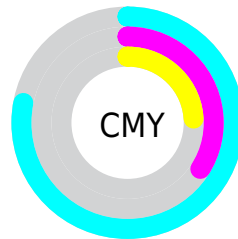


Cyan (71%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3713474 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 3713474 by changing the saturation by 10% instead.

■ 3713474

■ 3713474

16777215

■ 36519

■ 7987451

■ 30092

■ 9960959

■ 23667

■ 11927551

■ 17498

■ 13893631

■ 11587

■ 15859711

■ 6444

■ 280

■ 0

■ 3713474

■ 3713474

■ 2467266

■ 4959682

■ 1155778

■ 6271170

■ 40898

■ 7517378

■ 8828866

■ 10075074

■ 11321026

■ 12632770

■ 13878722

■ 15190466

Harmonies

Analogous

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



4172712



3713474



6005714

Triad

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



3713474



13273261



10657380

Complementary

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



3713474



12734776

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.



12424549



3713474



13928080

Square

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



3713474



11571397



13601654



8562289

Rectangle

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



3713474



8035796



13601654



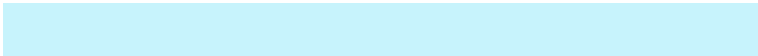
11311970

Sweetspot

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



3713474



13104124



3719759



6322816



0



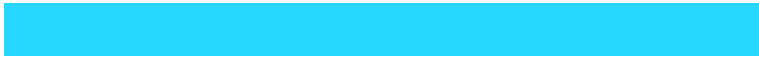
8421504

Same Dimension

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



3713474



2545404



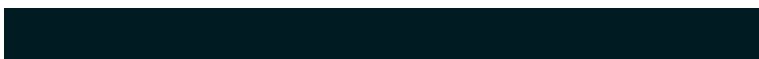
3696322



5726049



33953



6945

Inverse Universe

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



12728489



16525014



12751928



6379359



10551428



2162715

Previews

White Background



This preview shows how the Decimal color 3713474 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 3713474 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 3713474 Background



This preview shows how black text looks on a background with the Decimal color 3713474.



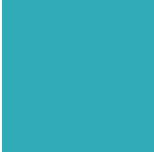
This preview shows how white text looks on a background with the Decimal color 3713474.

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](#).

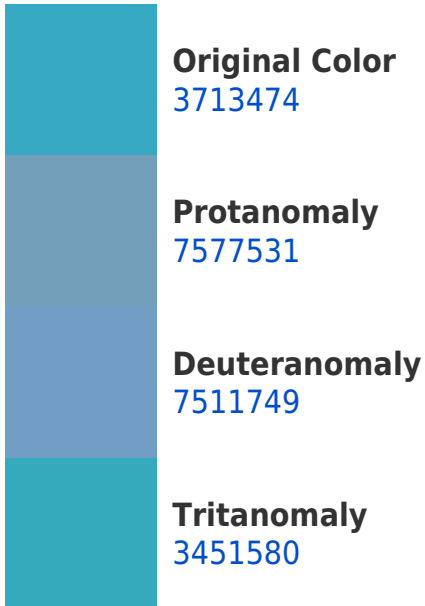
Dichromacy





Tritanopia
3320760

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3713474 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 #38A9C2 looks like.

```
.text, #text, p{  
  color:#38A9C2  
}
```

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 #38A9C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A9C2
}
```

Border

The CSS property to change the border of an element to Decimal 3713474 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
#38A9C2 }
```

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

```
.border{ border-color:#38A9C2 }
```

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

Here you see how a box with a 4 pixel #38A9C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A9C2; -webkit-box-shadow:4px 4px  
4px 4px #38A9C2; box-shadow:4px 4px 4px  
4px #38A9C2 }
```

Background

The CSS property to change the background color of an element to Decimal 3713474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A9C2 }
```

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

```
.background{ background-color:#38A9C2 }
```

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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