

Converting Colors

Decimal(3711941)

Have a look what the booklet for
Decimal(3711941) contains.

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Color

Decimal(3711941)

Conversions

Conversions Part 1

Format	Color
Hex	38A3C5
RGB	56, 163, 197
RGB Percent	22%, 64%, 77%
CMY	0.7804, 0.3608, 0.2275
CMYK	0.72, 0.17, 0.00, 0.23
HSL	194°, 56%, 50%
HSV	194°, 72%, 77%
XYZ	24.8061, 31.0664, 57.5123
YIQ	134.8830, -74.6860, -12.1100

Conversions

Conversions Part 2

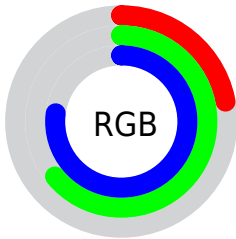
Format	Color
RYB	56, 117, 197
Decimal	3711941
CIELab	62.56, -19.11, -26.22
CIElCh	63, 32.440, 233.914
Yxy	31.0664, 0.2188, 0.2740
Android (android.graphics.Color)	4281902021 (0xFF38A3C5)
YUV	134.8830, 30.6237, -69.1804
Hunter-Lab	55.7372, -18.0978, -22.1622

Details

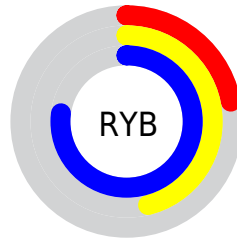
The Decimal color **3711941** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **12933688**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **7985918**, and **28559** is the 20% darker color. If you saturate the color by 10%, you get **2399941**, and if you desaturate by 10%, it is **5023941**.

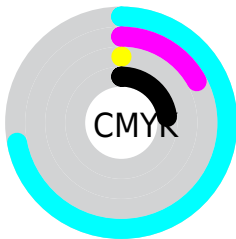
Distribution



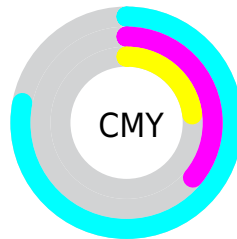
- Red (22%)
- Green (64%)
- Blue (77%)



- Red (22%)
- Yellow (46%)
- Blue (77%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (78%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3711941 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 3711941 by changing the saturation by 10% instead.



3711941



3711941

16777215



35242



7985918



28559



9959423



22389



11927551



16221



13893631



10565



15859711



4910



281



0



3711941



3711941

■ 2399941

■ 5023941

■ 1153477

■ 6270405

■ 38341

■ 7582149

■ 8894149

■ 10206149

■ 11452613

■ 12764357

■ 14076357

■ 15322821

Harmonies

Analogous

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



2992046



3711941



6659280

Triad

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



3711941



13337246



9674082

Complementary

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



3711941



12933688

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.



11572318



3711941



13664897

Square

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



3711941



11962554



13011562



7512948

Rectangle

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



3711941



8689103



13011562



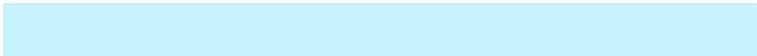
10328671

Sweetspot

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



3711941



13234943



3720537



6322304



0



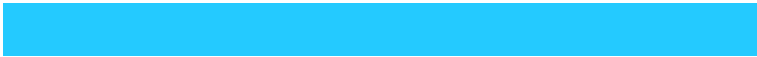
8421504

Same Dimension

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



3711941



2411263



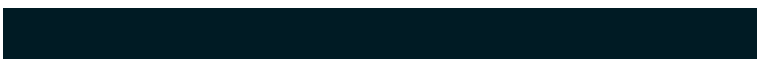
3694277



5923171



31907



6948

Inverse Universe

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



12925091



16721098



12951352



6511201



10682492



2359323

Previews

White Background



This preview shows how the Decimal color 3711941 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 3711941 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 3711941 Background



This preview shows how black text looks on a background with the Decimal color 3711941.



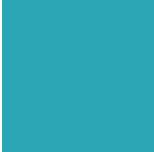
This preview shows how white text looks on a background with the Decimal color 3711941.

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](#).

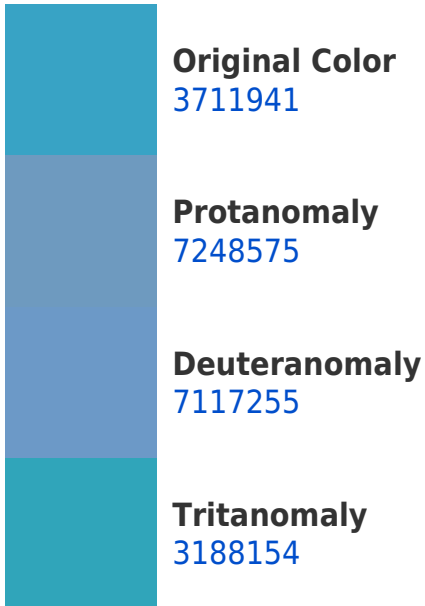
Dichromacy



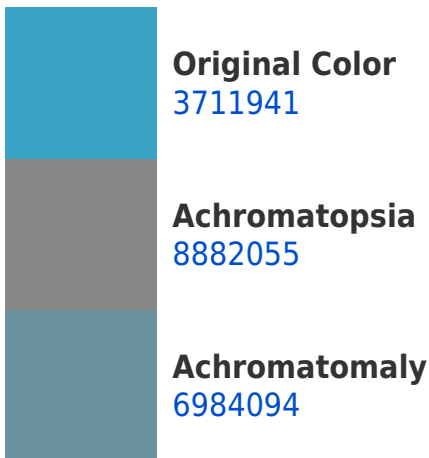


Tritanopia
2860724

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3711941 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 #38A3C5 looks like.

```
.text, #text, p{  
  color:#38A3C5  
}
```

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 #38A3C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A3C5
}
```

Border

The CSS property to change the border of an element to Decimal 3711941 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
#38A3C5 }
```

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

```
.border{ border-color:#38A3C5 }
```

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

Here you see how a box with a 4 pixel #38A3C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A3C5; -webkit-box-shadow:4px 4px  
4px 4px #38A3C5; box-shadow:4px 4px 4px  
4px #38A3C5 }
```

Background

The CSS property to change the background color of an element to Decimal 3711941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A3C5 }
```

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

```
.background{ background-color:#38A3C5 }
```

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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