

Converting Colors

Decimal(3712733)

Have a look what the booklet for
Decimal(3712733) contains.

| | |
|--|----|
| Decimal(3712733) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(3712733)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 38A6DD |
| RGB | 56, 166, 221 |
| RGB Percent | 22%, 65%, 87% |
| CMY | 0.7804, 0.3490, 0.1333 |
| CMYK | 0.75, 0.25, 0.00, 0.13 |
| HSL | 200°, 71%, 54% |
| HSV | 200°, 75%, 87% |
| XYZ | 28.3182, 33.3336, 73.3481 |
| YIQ | 139.3800, -83.2150, -6.2150 |

Conversions

Conversions Part 2

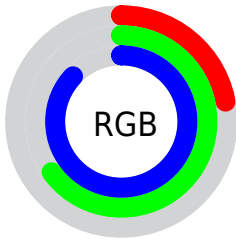
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 56, 122, 221 |
| Decimal | 3712733 |
| CIELab | 64.43, -12.73, -36.65 |
| CIELCh | 64, 38.800, 250.841 |
| Yxy | 33.3336, 0.2098, 0.2469 |
| Android (android.graphics.Color) | 4281902813 (0xFF38A6DD) |
| YUV | 139.3800, 40.2387, -73.1243 |
| Hunter-Lab | 57.7353, -13.4853, -34.9085 |

Details

The Decimal color **3712733** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **14511928**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **8183295**, and **29350** is the 20% darker color. If you saturate the color by 10%, you get **2269149**, and if you desaturate by 10%, it is **5156317**.

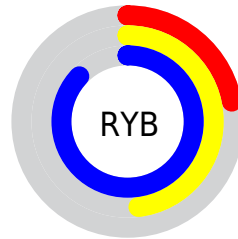
Distribution



Red (22%)

Green (65%)

Blue (87%)



Red (22%)

Yellow (48%)

Blue (87%)

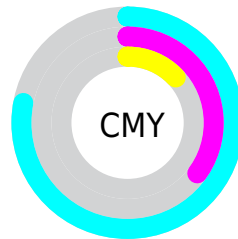


Cyan (75%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (78%)

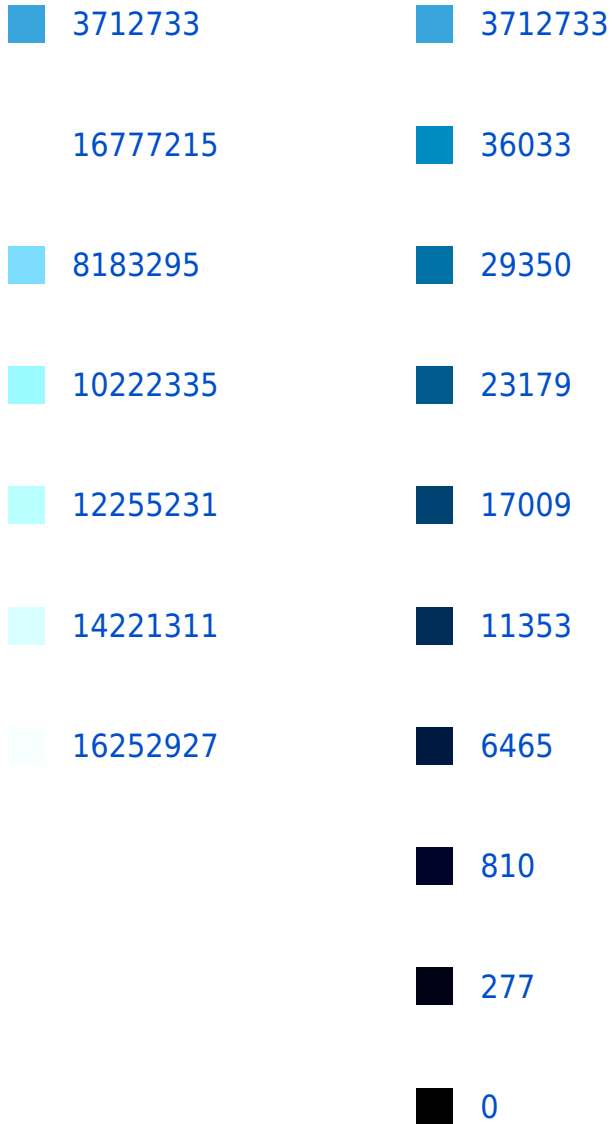
Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3712733 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 3712733 by changing the saturation by 10% instead.



■ 3712733

■ 3712733

■ 2269149

■ 5156317

■ 825309

■ 6600157

■ 37853

■ 8043741

■ 9487325

■ 10996701

■ 12440285

■ 13884125

■ 15327709

■ 16771293

Harmonies

Analogous

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



44232



3712733



8231904

Triad

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



3712733



14647697



8431462

Complementary

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



3712733



14511928

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.



10919511



3712733



14321521

Square

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



3712733



13730996



12948059



5483908

Rectangle

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



3712733



10589144



12948059



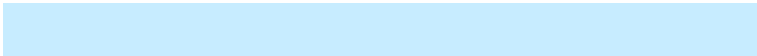
9282911

Sweetspot

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



3712733



13102335



3726703



6190208



0



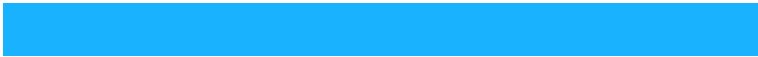
8421504

Same Dimension

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



3712733



1684223



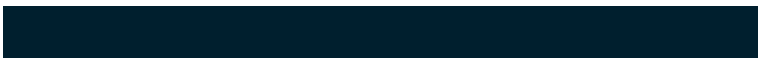
3691741



6515310



29869



7982

Inverse Universe

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



14497958



16718258



14533176



7234410



11337844



3014687

Previews

White Background



This preview shows how the Decimal color 3712733 looks on a white background.

Color Contrast Check

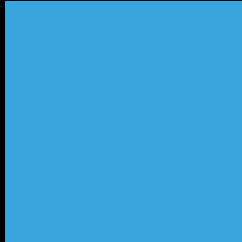
Large Text (above 18pt) WCAG AA × Fail

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 3712733 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 3712733 Background



This preview shows how black text looks on a background with the Decimal color 3712733.



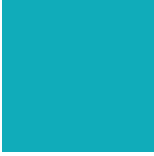
This preview shows how white text looks on a background with the Decimal color 3712733.

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



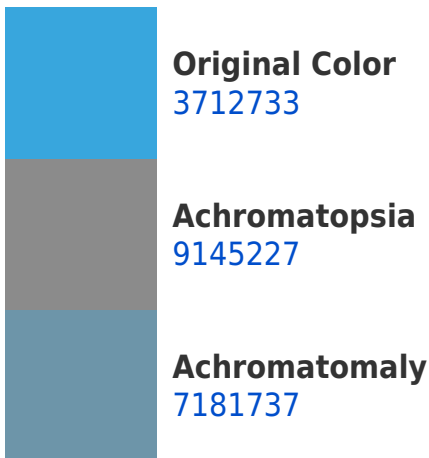


Tritanopia
1092794

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3712733 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 #38A6DD looks like.

```
.text, #text, p{  
    color:#38A6DD  
}
```

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 #38A6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A6DD
}
```

Border

The CSS property to change the border of an element to Decimal 3712733 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
#38A6DD }
```

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

```
.border{ border-color:#38A6DD }
```

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

Here you see how a box with a 4 pixel #38A6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A6DD; -webkit-box-shadow:4px 4px  
4px 4px #38A6DD; box-shadow:4px 4px 4px  
4px #38A6DD }
```

Background

The CSS property to change the background color of an element to Decimal 3712733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A6DD }
```

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

```
.background{ background-color:#38A6DD }
```

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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