

Converting Colors

Decimal(3711200)

Have a look what the booklet for
Decimal(3711200) contains.

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Color

Decimal(3711200)

Conversions

Conversions Part 1

Format	Color
Hex	38A0E0
RGB	56, 160, 224
RGB Percent	22%, 63%, 88%
CMY	0.7804, 0.3725, 0.1216
CMYK	0.75, 0.29, 0.00, 0.12
HSL	203°, 73%, 55%
HSV	203°, 75%, 88%
XYZ	27.6562, 31.3642, 75.1173
YIQ	136.2000, -82.5280, -2.1440

Conversions

Conversions Part 2

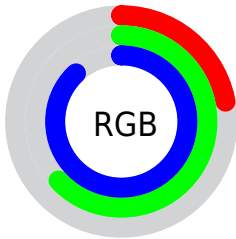
Format	Color
RYB	56, 120, 224
Decimal	3711200
CIELab	62.81, -8.39, -40.84
CIELCh	63, 41.689, 258.391
Yxy	31.3642, 0.2062, 0.2338
Android (android.graphics.Color)	4281901280 (0xFF38A0E0)
YUV	136.2000, 43.2854, -70.3354
Hunter-Lab	56.0037, -9.8582, -40.3225

Details

The Decimal color **3711200** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **14710840**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **8247295**, and **28072** is the 20% darker color. If you saturate the color by 10%, you get **2267104**, and if you desaturate by 10%, it is **5155296**.

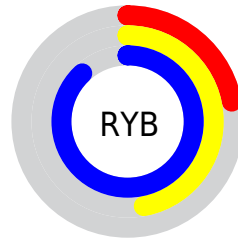
Distribution



Red (22%)

Green (63%)

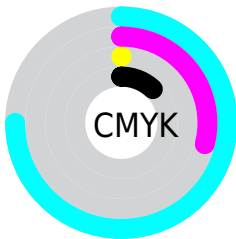
Blue (88%)



Red (22%)

Yellow (47%)

Blue (88%)

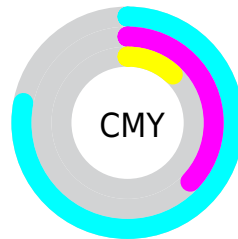


Cyan (75%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (78%)

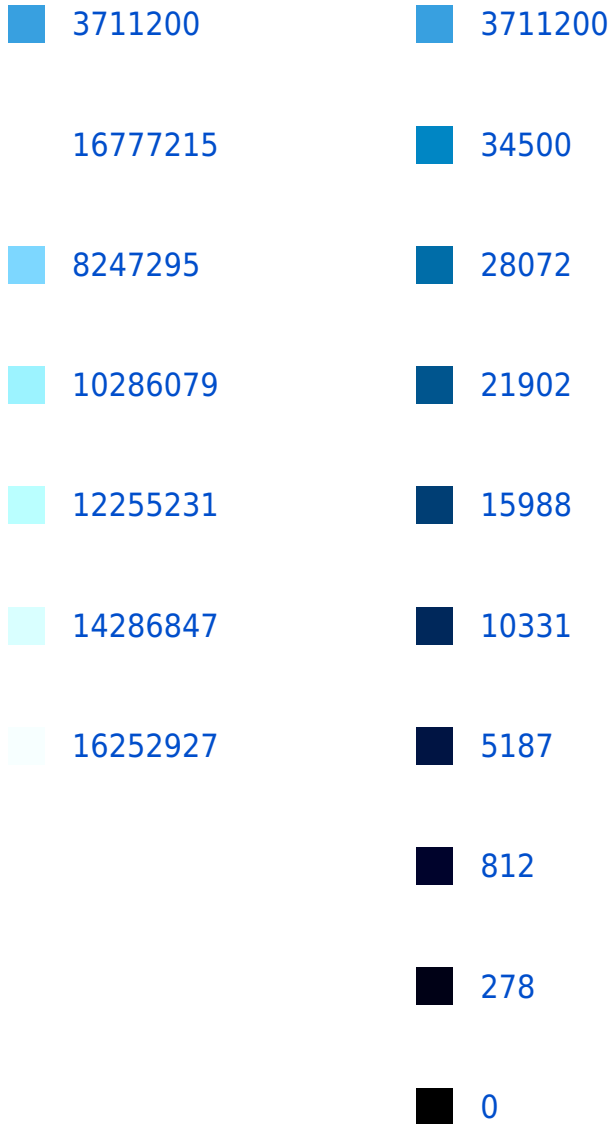
Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3711200 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 3711200 by changing the saturation by 10% instead.



■ 3711200

■ 3711200

■ 2267104

■ 5155296

■ 757728

■ 6664672

■ 35808

■ 8108768

■ 9618144

■ 11062240

■ 12506080

■ 14015712

■ 15459552

■ 16772576

Harmonies

Analogous

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



43214



3711200



8754398

Triad

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



3711200



14646147



7251557

Complementary

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



3711200



14710840

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.



10001744



3711200



13993058

Square

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



3711200



14056360



12292431



3517064

Rectangle

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



3711200



11111122



12292431



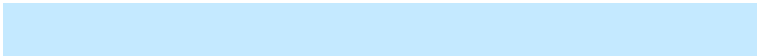
8233820

Sweetspot

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



3711200



12904959



3727478



6058624



0



8421504

Same Dimension

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



3711200



1681663



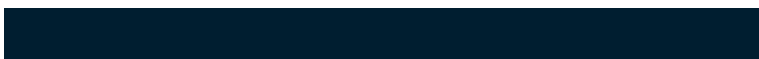
3690208



6646896



28080



7728

Inverse Universe

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



14694560



16718248



14731832



7365996



11534445



3145758

Previews

White Background



This preview shows how the Decimal color 3711200 looks on a white background.

Color Contrast Check

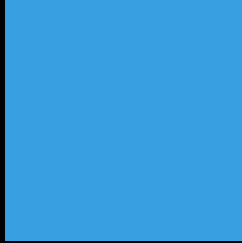
Large Text (above 18pt) WCAG AA × Fail

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 3711200 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

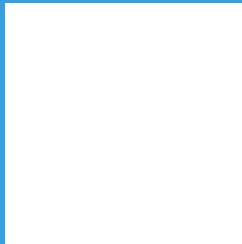
Any Text WCAG AAA ✓ Pass

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

Decimal 3711200 Background



This preview shows how black text looks on a background with the Decimal color 3711200.



This preview shows how white text looks on a background with the Decimal color 3711200.

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](#).

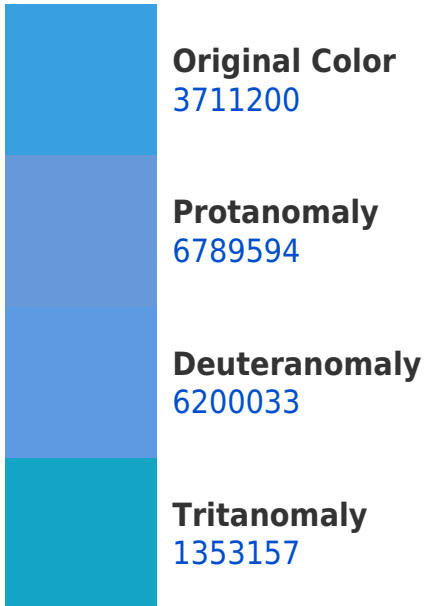
Dichromacy





Tritanopia
43189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3711200 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 #38A0E0 looks like.

```
.text, #text, p{  
  color:#38A0E0  
}
```

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 #38A0E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A0E0
}
```

Border

The CSS property to change the border of an element to Decimal 3711200 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
#38A0E0 }
```

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

```
.border{ border-color:#38A0E0 }
```

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

Here you see how a box with a 4 pixel #38A0E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A0E0; -webkit-box-shadow:4px 4px  
4px 4px #38A0E0; box-shadow:4px 4px 4px  
4px #38A0E0 }
```

Background

The CSS property to change the background color of an element to Decimal 3711200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A0E0 }
```

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

```
.background{ background-color:#38A0E0 }
```

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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