

Converting Colors

Decimal(3720130)

Have a look what the booklet for
Decimal(3720130) contains.

Decimal(3720130)	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(3720130)

Conversions

Conversions Part 1

Format	Color
Hex	38C3C2
RGB	56, 195, 194
RGB Percent	22%, 76%, 76%
CMY	0.7804, 0.2353, 0.2392
CMYK	0.71, 0.00, 0.01, 0.24
HSL	180°, 55%, 49%
HSV	180°, 71%, 76%
XYZ	30.8836, 43.7660, 57.8589
YIQ	153.3250, -82.5230, -29.7790

Conversions

Conversions Part 2

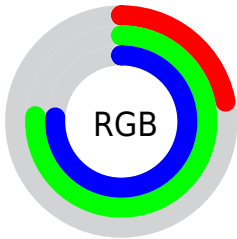
Format	Color
RYB	56, 126, 195
Decimal	3720130
CIELab	72.07, -35.88, -10.15
CIELCh	72, 37.285, 195.791
Yxy	43.7660, 0.2331, 0.3303
Android (android.graphics.Color)	4281910210 (0xFF38C3C2)
YUV	153.3250, 20.0528, -85.3540
Hunter-Lab	66.1559, -32.4435, -5.5450




Details

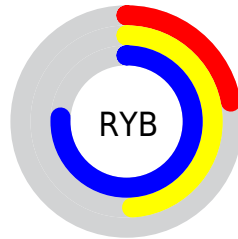
The Decimal color **3720130** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **12793913**, and the grayscale version is **10066329**.




A 20% lighter version of the original color is **8191226**, and **36236** is the 20% darker color. If you saturate the color by 10%, you get **2474946**, and if you desaturate by 10%, it is **4965314**.

Distribution







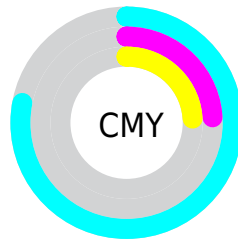
-  Red (22%)
-  Green (76%)
-  Blue (76%)






-  Red (22%)
-  Yellow (49%)
-  Blue (76%)



-  Cyan (71%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (24%)



-  Cyan (78%)
-  Magenta (24%)
-  Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3720130 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 3720130 by changing the saturation by 10% instead.

 3720130


 3720130

16777215


 42919

 8191226

 36236

 10158079

 29555

 12189695

 22875

 14155775

 16707

 16187391

 11053

 3865

 0

 3720130

 3720130

■ 2474946

■ 4965314

■ 1164226

■ 6276034

■ 50114

■ 7521218

■ 8831939

■ 10142659

■ 11387843

■ 12633027

■ 13943747

■ 15254467

Harmonies

Analogous

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



6603423



3720130



3260640

Triad

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



3720130



13345248



14068079

Complementary

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



3720130



12793913

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.



15507073



3720130



15308994

Square

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



3720130



10333938



16029600



11908206

Rectangle

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



3720130



5356782



16029600



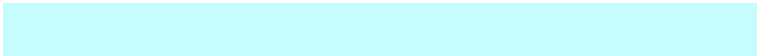
14591347

Sweetspot

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



3720130



13106428



3851064



6324351



0



8421504

Same Dimension

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



3720130



2358523



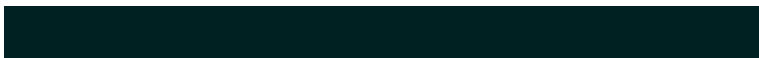
3702979



5726561



41375



8481

Inverse Universe

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



12793913



16524069



12811064



6379351



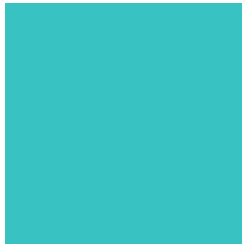
10551297



2162688

Previews

White Background



This preview shows how the Decimal color 3720130 looks on a white background.

Color Contrast Check

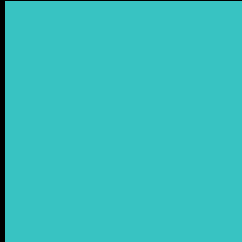
Large Text (above 18pt) WCAG AA × Fail

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 3720130 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

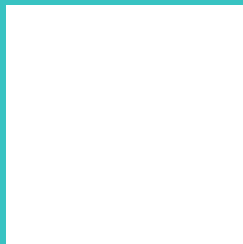
Any Text WCAG AAA ✓ Pass

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

Decimal 3720130 Background



This preview shows how black text looks on a background with the Decimal color 3720130.



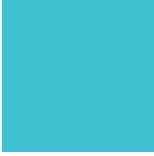
This preview shows how white text looks on a background with the Decimal color 3720130.

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
4309456

Trichromacy



Original Color
3720130



Protanomaly
8763066



Deuteranomaly
8959173



Tritanomaly
4113099

Monochromacy



Original Color
3720130



Achromatopsia
10066329



Achromatomaly
7776424

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3720130 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 #38C3C2 looks like.

```
.text, #text, p{  
  color:#38C3C2  
}
```

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 #38C3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C3C2
}
```

Border

The CSS property to change the border of an element to Decimal 3720130 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
#38C3C2 }
```

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

```
.border{ border-color:#38C3C2 }
```

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

Here you see how a box with a 4 pixel #38C3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C3C2; -webkit-box-shadow:4px 4px  
4px 4px #38C3C2; box-shadow:4px 4px 4px  
4px #38C3C2 }
```

Background

The CSS property to change the background color of an element to Decimal 3720130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C3C2 }
```

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

```
.background{ background-color:#38C3C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor