

Converting Colors

Decimal(11721676)

Have a look what the booklet for
Decimal(11721676) contains.

Decimal(11721676)	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(11721676)

Conversions

Conversions Part 1

Format	Color
Hex	B2DBCC
RGB	178, 219, 204
RGB Percent	70%, 86%, 80%
CMY	0.3020, 0.1412, 0.2000
CMYK	0.19, 0.00, 0.07, 0.14
HSL	158°, 36%, 78%
HSV	158°, 19%, 86%
XYZ	54.5907, 64.4876, 66.6969
YIQ	205.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

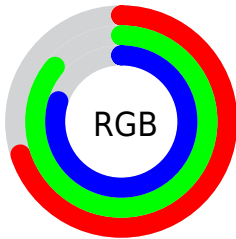
Format	Color
RYB	178, 203, 219
Decimal	11721676
CIELab	84.22, -16.36, 2.94
CIELCh	84, 16.620, 169.824
Yxy	64.4876, 0.2939, 0.3471
Android (android.graphics.Color)	4289911756 (0xFFB2DBCC)
YUV	205.0310, -0.5083, -23.7062
Hunter-Lab	80.3042, -19.1883, 6.9695

Details

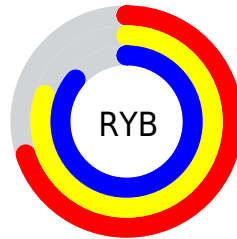
The Decimal color **11721676** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14398145**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **15400959**, and **8234134** is the 20% darker color. If you saturate the color by 10%, you get **10279876**, and if you desaturate by 10%, it is **13163476**.

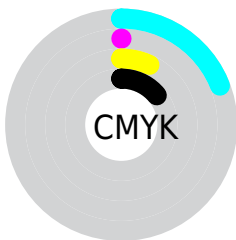
Distribution



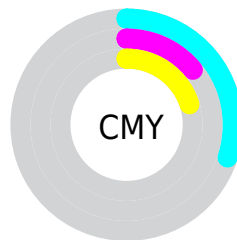
- Red (70%)
- Green (86%)
- Blue (80%)



- Red (70%)
- Yellow (80%)
- Blue (86%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)




- Cyan (30%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11721676 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 11721676 by changing the saturation by 10% instead.



 11721676

 11721676

 10279876

 13163476

 8838076

 14605276

 7396276

 16047076

 5954476

 16767980

 4512676

 16767988

 3136412

 16767996

 1694612

 16767999

 252812

 56203

Harmonies

Analogous

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



12704190



11721676



11197404

Triad

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



11721676



13553903



15780539

Complementary

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



11721676



14398145

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.



16042184



11721676



14797798

Square

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



11721676



12310000



15714520



14995380

Rectangle

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



11721676



11262694



15714520



15911359

Sweetspot

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



11721676



15794169



12704690



7831676



0



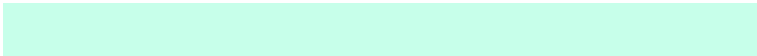
8421504

Same Dimension

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



11721676



13107178



11720411



6516330



44398



11805

Inverse Universe

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



14398145



16762843



14399410



7234407



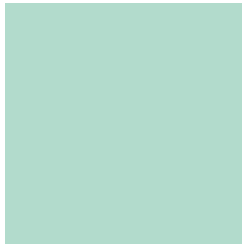
11337791



3014673

Previews

White Background



This preview shows how the Decimal color 11721676 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 11721676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

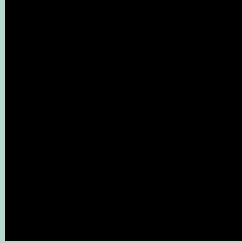
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

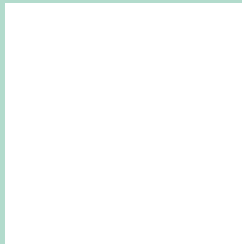
Any Text WCAG AAA ✓ Pass

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

Decimal 11721676 Background



This preview shows how black text looks on a background with the Decimal color 11721676.



This preview shows how white text looks on a background with the Decimal color 11721676.

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](#).

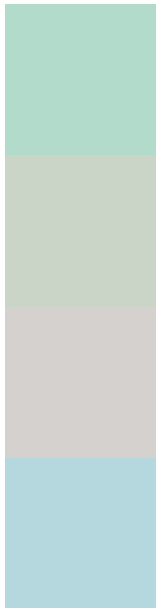
Dichromacy





Tritanopia
12048360

Trichromacy



Original Color
11721676

Protanomaly
13293000

Deuteranomaly
13947342

Tritanomaly
11917534

Monochromacy



Original Color
11721676

Achromatopsia
13487565

Achromatomaly
12833485

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11721676 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 #B2DBCC looks like.

```
.text, #text, p{  
    color:#B2DBCC  
}
```

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 #B2DBCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DBCC
}
```

Border

The CSS property to change the border of an element to Decimal 11721676 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
#B2DBCC }
```

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

```
.border{ border-color:#B2DBCC }
```

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

Here you see how a box with a 4 pixel #B2DBCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DBCC; -webkit-box-shadow:4px 4px  
4px 4px #B2DBCC; box-shadow:4px 4px 4px  
4px #B2DBCC }
```

Background

The CSS property to change the background color of an element to Decimal 11721676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DBCC }
```

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

```
.background{ background-color:#B2DBCC }
```

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