

# Converting Colors

Decimal(11724510)

Have a look what the booklet for  
Decimal(11724510) contains.

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# **Color**

**Decimal(11724510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E6DE
RGB	178, 230, 222
RGB Percent	70%, 90%, 87%
CMY	0.3020, 0.0980, 0.1294
CMYK	0.23, 0.00, 0.03, 0.10
HSL	171°, 51%, 80%
HSV	171°, 23%, 90%
XYZ	59.8417, 71.3325, 79.7218
YIQ	213.5400, -28.4240, -13.5120

# Conversions

## Conversions Part 2

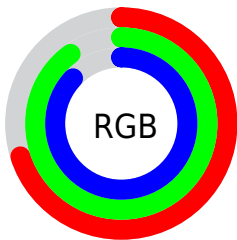
Format	Color
R <sub>YB</sub>	178, 206, 230
Decimal	11724510
CIE Lab	87.65, -18.21, -1.56
CIE LCh	88, 18.278, 184.898
Yxy	71.3325, 0.2837, 0.3382
Android (android.graphics.Color)	4289914590 (0xFFB2E6DE)
YUV	213.5400, 4.1708, -31.1686
Hunter-Lab	84.4586, -21.3293, 3.1562

# Details

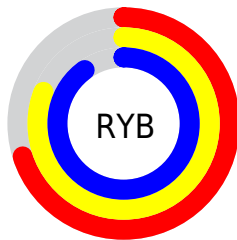
The Decimal color **11724510** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **15119034**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **15466495**, and **8171175** is the 20% darker color. If you saturate the color by 10%, you get **10217178**, and if you desaturate by 10%, it is **13231842**.

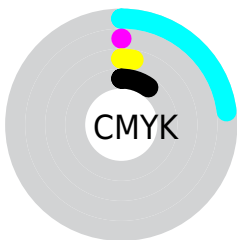
# Distribution



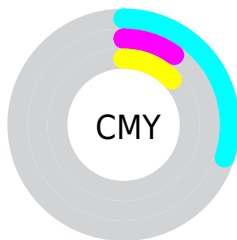
- Red (70%)
- Green (90%)
- Blue (87%)



- Red (70%)
- Yellow (81%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11724510 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 11724510 by changing the saturation by 10% instead.





 11724510

 11724510

 10217178

 13231842

 8709847

 14739173

 7202515

 16246505

 5695184

 16770796

 4187852

 16770800

 2680521

 16770803

 1173189

 16770807

 59075

 16770810

 16770814

# Harmonies

## Analogous

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



12641740



11724510



11527663

# Triad

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



11724510



14931704



16242365

# Complementary

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



11724510



15119034

# 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.



16765385



11724510



16110315

# Square

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



11724510



13425918



16765145



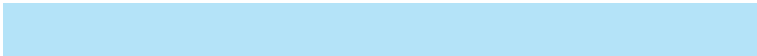
15195065

# Rectangle

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



11724510



11854840



16765145



16504000



# Sweetspot

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



11724510



15597564



12314290



7700606



0



8421504

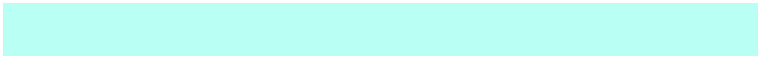


# Same Dimension

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



11724510



12255220



11720166



6779761



45975



13099



# Inverse Universe

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



15119034



16759493



15123378



7563113



11730971

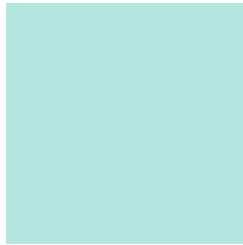


3342344



# Previews

## White Background



This preview shows how the Decimal color 11724510 looks on a white background.

## Color Contrast Check

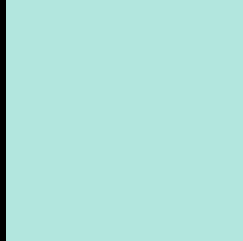
Large Text (above 18pt) WCAG AA × Fail

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 11724510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

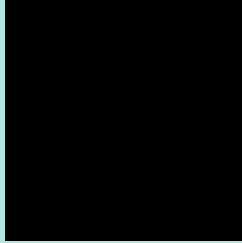
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

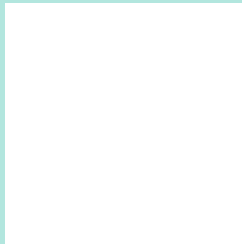
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11724510 Background



This preview shows how black text looks on a background with the Decimal color 11724510.




This preview shows how white text looks on a background with the Decimal color 11724510.

# 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



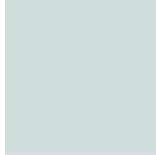


**Tritanopia**  
12051445

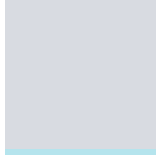
# Trichromacy



**Original Color**  
11724510



**Protanomaly**  
13623002



**Deuteranomaly**  
14212065

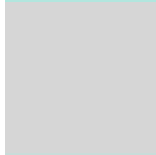


**Tritanomaly**  
11920621

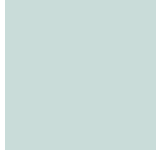
# Monochromacy



**Original Color**  
11724510



**Achromatopsia**  
14079702



**Achromatomaly**  
13229273

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11724510 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 #B2E6DE looks like.

```
.text, #text, p{  
    color:#B2E6DE  
}
```

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 #B2E6DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E6DE
}
```

## Border

The CSS property to change the border of an element to Decimal 11724510 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
#B2E6DE }
```

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

```
.border{ border-color:#B2E6DE }
```

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

Here you see how a box with a 4 pixel #B2E6DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E6DE; -webkit-box-shadow:4px 4px  
4px 4px #B2E6DE; box-shadow:4px 4px 4px  
4px #B2E6DE }
```

# Background

The CSS property to change the background color of an element to Decimal 11724510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E6DE }
```

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

```
.background{ background-color:#B2E6DE }
```

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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