

# Converting Colors

Decimal(11723725)

Have a look what the booklet for  
Decimal(11723725) contains.

<b>Decimal(11723725)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11723725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E3CD
RGB	178, 227, 205
RGB Percent	70%, 89%, 80%
CMY	0.3020, 0.1098, 0.1961
CMYK	0.22, 0.00, 0.10, 0.11
HSL	153°, 47%, 79%
HSV	153°, 22%, 89%
XYZ	56.8486, 68.8109, 68.0432
YIQ	209.8410, -22.1420, -17.2300

# Conversions

## Conversions Part 2

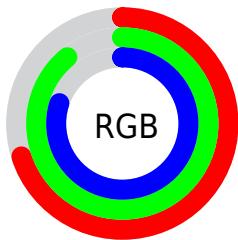
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 210, 227
Decimal	11723725
CIELab	86.41, -20.15, 5.58
CIELCh	86, 20.909, 164.524
Yxy	68.8109, 0.2935, 0.3552
Android (android.graphics.Color)	4289913805 (0xFFB2E3CD)
YUV	209.8410, -2.3866, -27.9246
Hunter-Lab	82.9524, -22.8376, 9.4329

# Details

The Decimal color **11723725** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14922440**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **15400959**, and **8170391** is the 20% darker color. If you saturate the color by 10%, you get **10216387**, and if you desaturate by 10%, it is **13231063**.

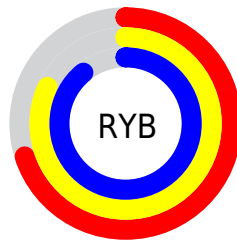
# Distribution



Red (70%)

Green (89%)

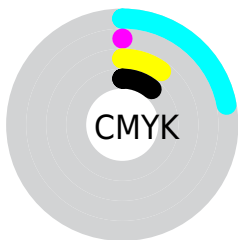
Blue (80%)



Red (70%)

Yellow (82%)

Blue (89%)

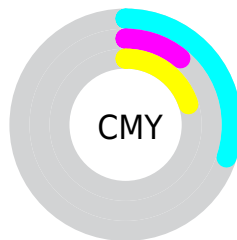


Cyan (22%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (30%)

Magenta (11%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11723725 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 11723725 by changing the saturation by 10% instead.





 11723725

 11723725

 10216387

 13231063

 8774585

 14672865

 7267246


 16180204

 5759908

 16770038

 4318106

 16770047

 2810768

 1303430

 58237

# Harmonies

## Analogous

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



13099196



11723725



10872033

# Triad

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



11723725



13621246



16764605

# Complementary

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



11723725



14922440

# 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.



16763855



11723725



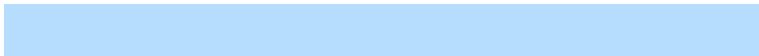
15257845

# Square

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



11723725



11984382



16436195



15848371

# Rectangle

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



11723725



10806254



16436195



16764099



# Sweetspot

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



11723725



15794168



13165490



7831675



0



8421504

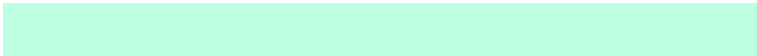


# Same Dimension

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



11723725



12451809



11723235



6779758



45922



13084



# Inverse Universe

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



14922440



16760282



14922930



7563116



11731024

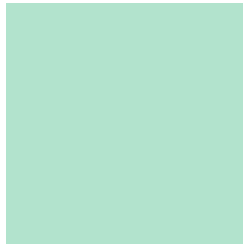


3342359



# Previews

## White Background



This preview shows how the Decimal color 11723725 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 11723725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

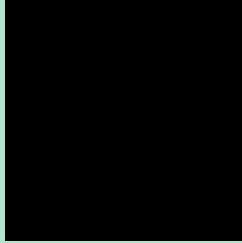
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

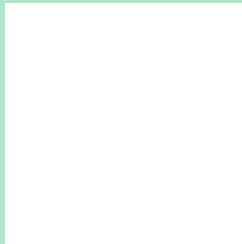
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 11723725 Background



This preview shows how black text looks on a background with the Decimal color 11723725.



This preview shows how white text looks on a background with the Decimal color 11723725.

# 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](#).

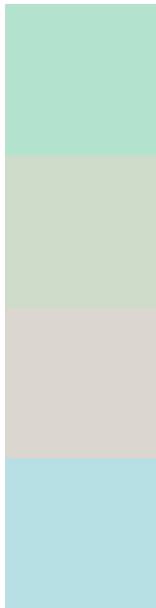
## Dichromacy





**Tritanopia**  
12181232

# Trichromacy



**Original Color**  
11723725

**Protanomaly**  
13622217

**Deuteranomaly**  
14276560

**Tritanomaly**  
11985123

# Monochromacy



**Original Color**  
11723725

**Achromatopsia**  
13816530

**Achromatomaly**  
13031632

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11723725 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 #B2E3CD looks like.

```
.text, #text, p{  
    color:#B2E3CD  
}
```

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 #B2E3CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E3CD
}
```

## Border

The CSS property to change the border of an element to Decimal 11723725 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
#B2E3CD }
```

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

```
.border{ border-color:#B2E3CD }
```

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

Here you see how a box with a 4 pixel #B2E3CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E3CD; -webkit-box-shadow:4px 4px  
4px 4px #B2E3CD; box-shadow:4px 4px 4px  
4px #B2E3CD }
```

# Background

The CSS property to change the background color of an element to Decimal 11723725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E3CD }
```

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

```
.background{ background-color:#B2E3CD }
```

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