

# Converting Colors

Decimal(11325644)

Have a look what the booklet for  
Decimal(11325644) contains.

<b>Decimal(11325644)</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(11325644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACD0CC
RGB	172, 208, 204
RGB Percent	67%, 82%, 80%
CMY	0.3255, 0.1843, 0.2000
CMYK	0.17, 0.00, 0.02, 0.18
HSL	173°, 28%, 75%
HSV	173°, 17%, 82%
XYZ	50.4682, 58.2420, 65.7086
YIQ	196.7800, -20.1720, -8.8760

# Conversions

## Conversions Part 2

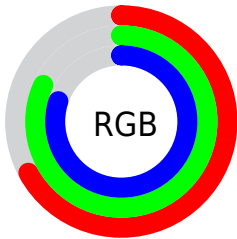
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	172, 191, 208
Decimal	11325644
CIE Lab	80.87, -12.67, -1.99
CIE LCh	81, 12.829, 188.920
Yxy	58.2420, 0.2894, 0.3339
Android (android.graphics.Color)	4289515724 (0xFFACD0CC)
YUV	196.7800, 3.5595, -21.7321
Hunter-Lab	76.3165, -15.5115, 2.3727

# Details

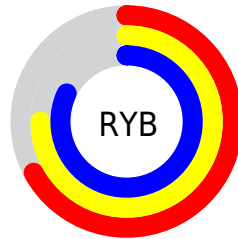
The Decimal color **11325644** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13675696**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **15007743**, and **7838358** is the 20% darker color. If you saturate the color by 10%, you get **9949386**, and if you desaturate by 10%, it is **12701902**.

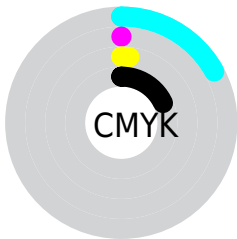
# Distribution



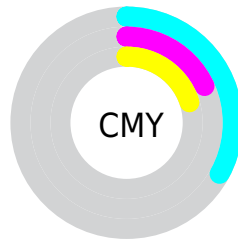
- Red (67%)
- Green (82%)
- Blue (80%)



- Red (67%)
- Yellow (75%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (33%)
- Magenta (18%)
- Yellow (20%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 11325644 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 11325644 by changing the saturation by 10% instead.





 11325644

 11325644

 9949386

 12701902

 8573127

 14078161

 7262405

 15388883

 5886147

 16765141

 4509888

 16765144

 3133630

 16765146

 1757372

 16765148

 446650

 16765150

 53433

 16765153

# Harmonies

## Analogous

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



11849664



11325644



11259863

# Triad

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



11325644



13682139



14402995

# Complementary

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



11325644



13675696

# 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.



14860986



11325644



14467794

# Square

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



11325644



12700128



14860742



13617585

# Rectangle

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



11325644



11587037



14860742



14599349

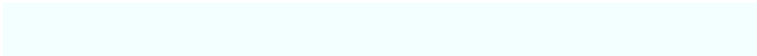


# Sweetspot

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



11325644



15925246



11587756



7897215



0



8421504

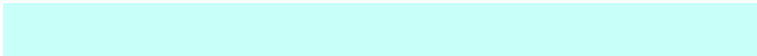


# Same Dimension

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



11325644



13238265



11322064



6187367



43158



10532



# Inverse Universe

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



13675696



16763343



13679276



6905439



11010067



2686981



# Previews

## White Background



This preview shows how the Decimal color 11325644 looks on a white background.

## Color Contrast Check

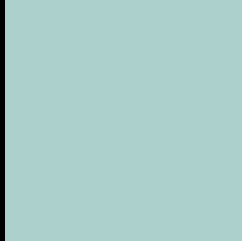
Large Text (above 18pt) WCAG AA × Fail

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 11325644 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

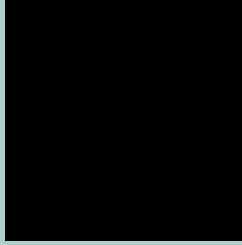
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

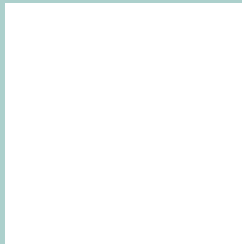
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11325644 Background



This preview shows how black text looks on a background with the Decimal color 11325644.



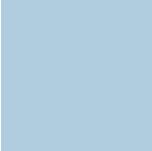
This preview shows how white text looks on a background with the Decimal color 11325644.

# 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**  
11521502

# Trichromacy



**Original Color**  
11325644

**Protanomaly**  
12634825

**Deuteranomaly**  
13223886

**Tritanomaly**  
11456215

# Monochromacy



**Original Color**  
11325644

**Achromatopsia**  
12961221

**Achromatomaly**  
12372424

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11325644 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 #ACD0CC looks like.

```
.text, #text, p{  
    color:#ACD0CC  
}
```

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 #ACD0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACD0CC  
}
```

## Border

The CSS property to change the border of an element to Decimal 11325644 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  
#ACD0CC }
```

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

```
.border{ border-color:#ACD0CC }
```

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

Here you see how a box with a 4 pixel #ACD0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACD0CC; -webkit-box-shadow:4px 4px  
4px 4px #ACD0CC; box-shadow:4px 4px 4px  
4px #ACD0CC }
```

# Background

The CSS property to change the background color of an element to Decimal 11325644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACD0CC }
```

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

```
.background{ background-color:#ACD0CC }
```

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