

# Converting Colors

Decimal(12315352)

Have a look what the booklet for  
Decimal(12315352) contains.

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# Color

**Decimal(12315352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>BBEAD8</code>
RGB	<code>187, 234, 216</code>
RGB Percent	<code>73%, 92%, 85%</code>
CMY	<code>0.2667, 0.0824, 0.1529</code>
CMYK	<code>0.20, 0.00, 0.08, 0.08</code>
HSL	<code>157°, 53%, 83%</code>
HSV	<code>157°, 20%, 92%</code>
XYZ	<code>62.3110, 74.3683, 76.0361</code>
YIQ	<code>217.8950, -22.2340, -15.5620</code>

# Conversions

## Conversions Part 2

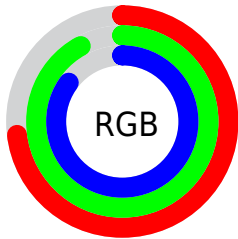
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 216, 234
Decimal	12315352
CIELab	89.10, -18.65, 3.76
CIELCh	89, 19.021, 168.596
Yxy	74.3683, 0.2929, 0.3496
Android (android.graphics.Color)	4290505432 (0xFFBBEAD8)
YUV	217.8950, -0.9342, -27.0949
Hunter-Lab	86.2371, -21.9388, 8.0893

# Details

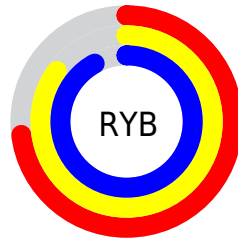
The Decimal color **12315352** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15383501**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16056319**, and **8762017** is the 20% darker color. If you saturate the color by 10%, you get **10808015**, and if you desaturate by 10%, it is **13822689**.

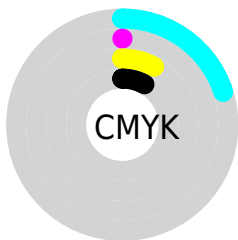
# Distribution



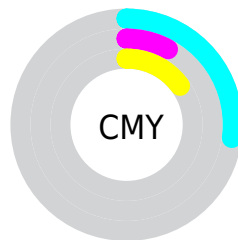
- Red (73%)
- Green (92%)
- Blue (85%)



- Red (73%)
- Yellow (85%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12315352 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 12315352 by changing the saturation by 10% instead.



12315352

12315352

16777215

10538684

16056319

8762017

7051143

5406062

3826773

2247742

537896

8212

0

 12315352

 12315352

 10808015

 13822689

 9235142

 15395562

 7727805

 16771827

 6154932

 16771836

 4647595

 16771839

 3140258

 1567385

 60048

# Harmonies

## Analogous

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



13494215



12315352



11660011

# Triad

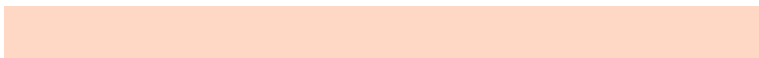
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12315352



14343935



16766917

# Complementary

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



12315352



15383501

# 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.



16766165



12315352



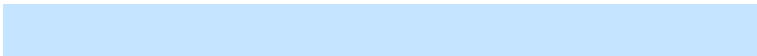
15849720

# Square

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



12315352



12903679



16766184



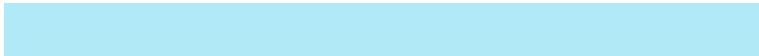
16112829

# Rectangle

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



12315352



11659766



16766184



16766410

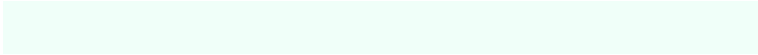


# Sweetspot

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



12315352



15794169



13494971



7831676



0



8421504

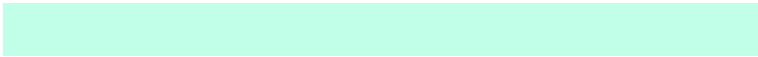


# Same Dimension

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



12315352



12779496



12314090



6976881



46448



13857



# Inverse Universe

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



15383501



16761561



15384763



7694958



11862085

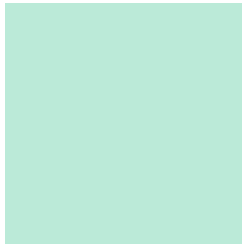


3538965



# Previews

## White Background



This preview shows how the Decimal color 12315352 looks on a white background.

## Color Contrast Check

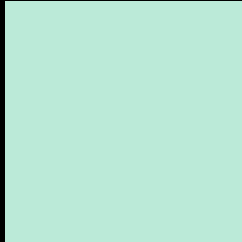
Large Text (above 18pt) WCAG AA × Fail

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 12315352 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

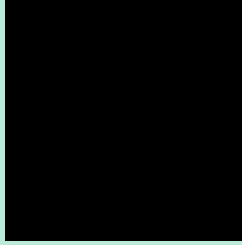
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

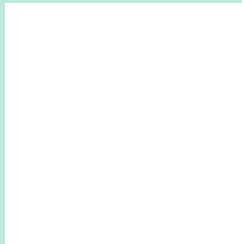
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12315352 Background



This preview shows how black text looks on a background with the Decimal color 12315352.



This preview shows how white text looks on a background with the Decimal color 12315352.

# 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





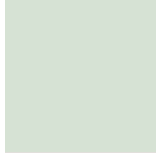
**Tritanopia**  
12707320

# Trichromacy



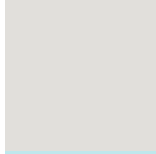
**Original Color**

12315352



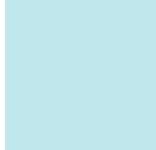
**Protanomaly**

14082772



**Deuteranomaly**

14802907



**Tritanomaly**

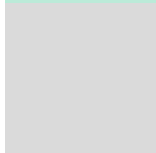
12576748

# Monochromacy



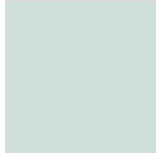
**Original Color**

12315352



**Achromatopsia**

14342874



**Achromatomaly**

13623513

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12315352 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 #BBEAD8 looks like.

```
.text, #text, p{  
    color:#BBEAD8  
}
```

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 #BBEAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBEAD8 }  
}
```

## Border

The CSS property to change the border of an element to Decimal 12315352 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 #BBEAD8 }  
}
```

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

```
.border{ border-color:#BBEAD8 }
```

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

Here you see how a box with a 4 pixel #BBEAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBEAD8; -webkit-box-shadow:4px 4px  
4px 4px #BBEAD8; box-shadow:4px 4px 4px  
4px #BBEAD8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12315352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBEAD8 }
```

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

```
.background{ background-color:#BBEAD8 }
```

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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