

# Converting Colors

Decimal(12509891)

Have a look what the booklet for  
Decimal(12509891) contains.

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# Color

**Decimal(12509891)**

# Conversions

Conversions Part 1	
Format	Color
Hex	BEE2C3
RGB	190, 226, 195
RGB Percent	75%, 89%, 76%
CMY	0.2549, 0.1137, 0.2353
CMYK	0.16, 0.00, 0.14, 0.11
HSL	128°, 38%, 82%
HSV	128°, 16%, 89%
XYZ	58.2819, 69.2800, 61.9304
YIQ	211.7020, -11.5050, -17.2730

# Conversions

## Conversions Part 2

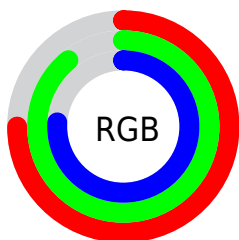
Format	Color
<a href="#">RYB</a>	<a href="#">190, 222, 226</a>
Decimal	<a href="#">12509891</a>
CIELab	<a href="#">86.64, -17.64, 11.26</a>
CIELCh	<a href="#">87, 20.929, 147.446</a>
Yxy	<a href="#">69.2800, 0.3076, 0.3656</a>
Android (android.graphics.Color)	<a href="#">4290699971</a> (0xFFBEE2C3)
YUV	<a href="#">211.7020, -8.2341, -19.0327</a>
Hunter-Lab	<a href="#">83.2346, -20.6727, 14.1498</a>

# Details

The Decimal color **12509891** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14859997**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16252924**, and **8956813** is the 20% darker color. If you saturate the color by 10%, you get **11002544**, and if you desaturate by 10%, it is **14017238**.

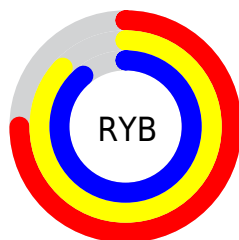
# Distribution



Red (75%)

Green (89%)

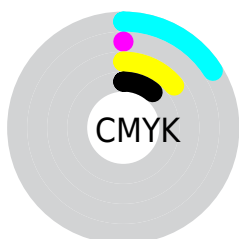
Blue (76%)



Red (75%)

Yellow (87%)

Blue (89%)

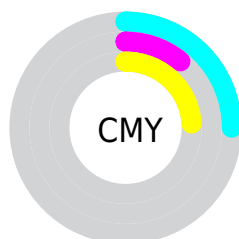


Cyan (16%)

Magenta (0%)

Yellow (14%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12509891 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 12509891 by changing the saturation by 10% instead.





 12509891

 12509891

 11002544

 14017238

 9560732

 15459050

 8053385


 16769789

 6611573

 16769791

 5104226

 3596878

 2155067

 647719

 57887

# Harmonies

## Analogous

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



14015925



12509891



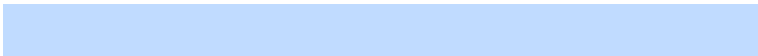
11330774

# Triad

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



12509891



12639231



16764103

# Complementary

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



12509891



14859997

# 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.



16763867



12509891



14341372

# Square

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



12509891



11330042



15847151



16503224

# Rectangle

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



12509891



10872036



15847151



16763854

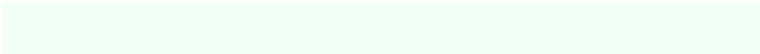


# Sweetspot

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



12509891



15925236



14541502



7897209



0



8421504

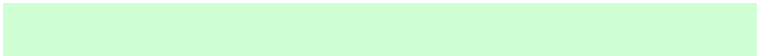


# Same Dimension

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



12509891



13631445



12509909



6647911



45080



12295



# Inverse Universe

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



14859997



16764920



14859979



7365999



11534488

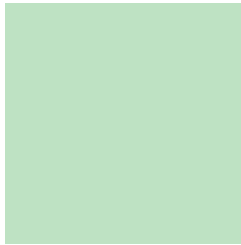


3145770



# Previews

## White Background



This preview shows how the Decimal color 12509891 looks on a white background.

## Color Contrast Check

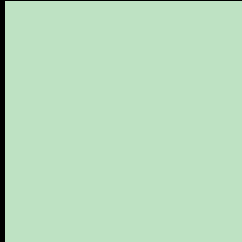
Large Text (above 18pt) WCAG AA × Fail

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 12509891 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

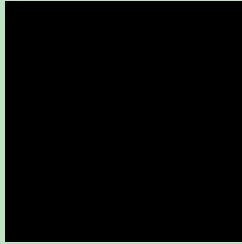
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

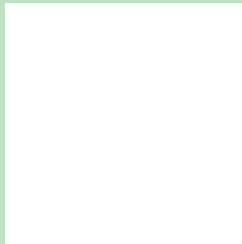
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12509891 Background



This preview shows how black text looks on a background with the Decimal color 12509891.

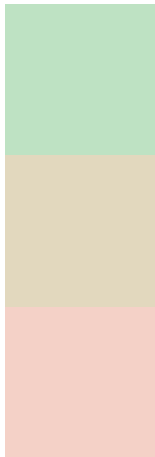


This preview shows how white text looks on a background with the Decimal color 12509891.

# 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



**Original Color**  
12509891

**Protanopia**  
14866622

**Deuteranopia**  
16044487



**Tritanopia**  
12967149

# Trichromacy

	<b>Original Color</b> 12509891
	<b>Protanomaly</b> 14015680
	<b>Deuteranomaly</b> 14735302
	<b>Tritanomaly</b> 12771038

# Monochromacy

	<b>Original Color</b> 12509891
	<b>Achromatopsia</b> 13948116
	<b>Achromatomaly</b> 13425102

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12509891 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 #BEE2C3 looks like.

```
.text, #text, p{  
    color:#BEE2C3  
}
```

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 #BEE2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE2C3
}
```

## Border

The CSS property to change the border of an element to Decimal 12509891 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
#BEE2C3 }
```

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

```
.border{ border-color:#BEE2C3 }
```

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

Here you see how a box with a 4 pixel #BEE2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE2C3; -webkit-box-shadow:4px 4px  
4px 4px #BEE2C3; box-shadow:4px 4px 4px  
4px #BEE2C3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12509891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE2C3 }
```

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

```
.background{ background-color:#BEE2C3 }
```

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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