

# Converting Colors

Decimal(13229525)

Have a look what the booklet for  
Decimal(13229525) contains.

<b>Decimal(13229525)</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(13229525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DDD5
RGB	201, 221, 213
RGB Percent	79%, 87%, 84%
CMY	0.2118, 0.1333, 0.1647
CMYK	0.09, 0.00, 0.04, 0.13
HSL	156°, 23%, 83%
HSV	156°, 9%, 87%
XYZ	61.9541, 68.9345, 72.9912
YIQ	214.1080, -9.3520, -6.7280

# Conversions

## Conversions Part 2

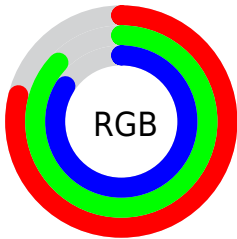
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 214, 221
Decimal	13229525
CIE Lab	86.47, -8.16, 1.64
CIE LCh	86, 8.326, 168.662
Yxy	68.9345, 0.3039, 0.3381
Android (android.graphics.Color)	4291419605 (0xFFC9DDD5)
YUV	214.1080, -0.5462, -11.4957
Hunter-Lab	83.0268, -12.1013, 5.9953

# Details

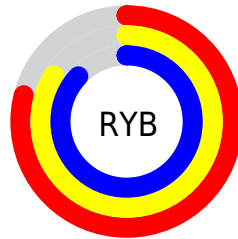
The Decimal color **13229525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14535121**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777215**, and **9676446** is the 20% darker color. If you saturate the color by 10%, you get **11787724**, and if you desaturate by 10%, it is **14671326**.

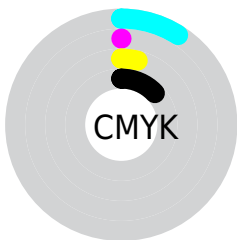
# Distribution



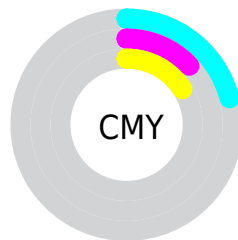
- Red (79%)
- Green (87%)
- Blue (84%)



- Red (79%)
- Yellow (84%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13229525 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 13229525 by changing the saturation by 10% instead.



■ 13229525

16777215

■ 13229525

■ 11452857

■ 9676446

■ 7965828

■ 6320747

■ 4741715

■ 3293756

■ 1846310

■ 268306

■ 0

 13229525

 13229525

 11787724

 14671326

 10345923

 16113127

 8904122

 16768496

 7462322

 16768504

 6020521

 16768511

 4513184

 3071383

 1629582

 187781

# Harmonies

## Analogous

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



13753550



13229525



12967389

# Triad

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



13229525



14079975



15259085

# Complementary

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



13229525



14535121

# 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.



15389652



13229525



14734819

# Square

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



13229525



13490920



15193052



14866377

# Rectangle

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



13229525



13032930



15193052



15324367



# Sweetspot

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



13229525



16252924



13753801



8028285



0



8421504

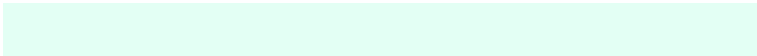


# Same Dimension

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



13229525



14942196



13229021



6516329



44392



11804



# Inverse Universe

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



14535121



16770030



14535625



7234407



11337797



3014674



# Previews

## White Background



This preview shows how the Decimal color 13229525 looks on a white background.

## Color Contrast Check

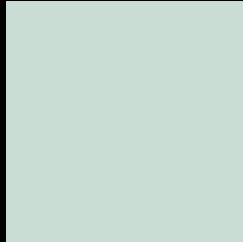
Large Text (above 18pt) WCAG AA × Fail

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 13229525 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

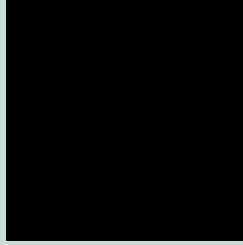
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

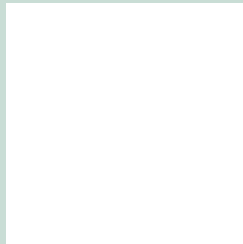
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13229525 Background



This preview shows how black text looks on a background with the Decimal color 13229525.



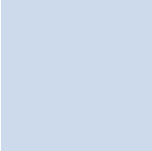
This preview shows how white text looks on a background with the Decimal color 13229525.

# 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**  
13490923

# Trichromacy



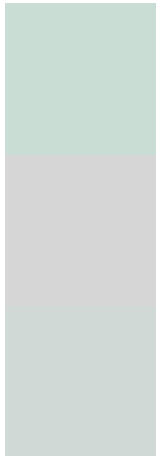
**Original Color**  
13229525

**Protanomaly**  
14080467

**Deuteranomaly**  
14734806

**Tritanomaly**  
13425635

# Monochromacy



**Original Color**  
13229525

**Achromatopsia**  
14079702

**Achromatomaly**  
13752790

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13229525 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 #C9DDD5 looks like.

```
.text, #text, p{  
    color:#C9DDD5  
}
```

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 #C9DDD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9DDD5 }  
}
```

## Border

The CSS property to change the border of an element to Decimal 13229525 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 #C9DDD5 }  
}
```

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

```
.border{ border-color:#C9DDD5 }
```

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

Here you see how a box with a 4 pixel #C9DDD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9DDD5; -webkit-box-shadow:4px 4px  
4px 4px #C9DDD5; box-shadow:4px 4px 4px  
4px #C9DDD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 13229525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9DDD5 }
```

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

```
.background{ background-color:#C9DDD5 }
```

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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