

# Converting Colors

Decimal(13755076)

Have a look what the booklet for  
Decimal(13755076) contains.

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# **Color**

**Decimal(13755076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1E2C4
RGB	209, 226, 196
RGB Percent	82%, 89%, 77%
CMY	0.1804, 0.1137, 0.2314
CMYK	0.08, 0.00, 0.13, 0.11
HSL	94°, 34%, 83%
HSV	94°, 13%, 89%
XYZ	63.4547, 71.9335, 62.7647
YIQ	217.4970, -0.5020, -12.9340

# Conversions

## Conversions Part 2

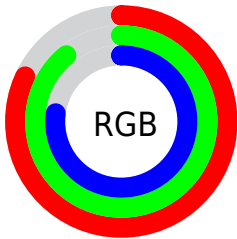
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 226, 213
Decimal	13755076
CIELab	87.94, -11.01, 12.75
CIELCh	88, 16.844, 130.796
Yxy	71.9335, 0.3202, 0.3630
Android (android.graphics.Color)	4291945156 (0xFFD1E2C4)
YUV	217.4970, -10.5980, -7.4519
Hunter-Lab	84.8136, -14.8763, 15.4931

# Details

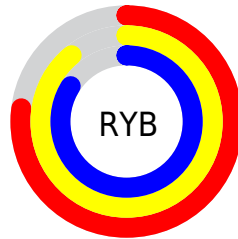
The Decimal color **13755076** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **14009570**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777213**, and **10136462** is the 20% darker color. If you saturate the color by 10%, you get **12903085**, and if you desaturate by 10%, it is **14607067**.

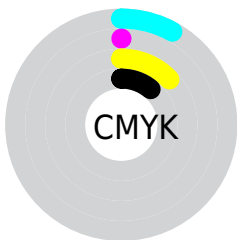
# Distribution



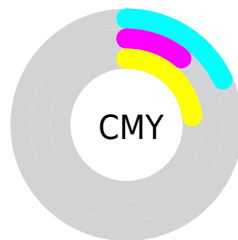
- Red (82%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13755076 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 13755076 by changing the saturation by 10% instead.





 13755076


 13755076

 12903085

 14607067

 12051095

 15459057

 11264640

 16245503

 10412650

 16769791

 9560659

 8708668

 7856678

 7070223

 6480384

# Harmonies

## Analogous

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



14933437



13755076



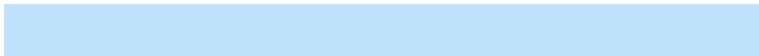
12641745

# Triad

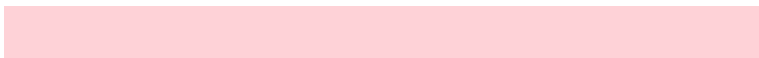
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13755076



12640762



16700119

# Complementary

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



13755076



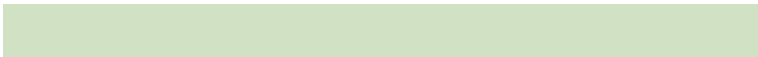
14009570

# 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.



16241639



13755076



13884668

# Square

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



13755076



11855345



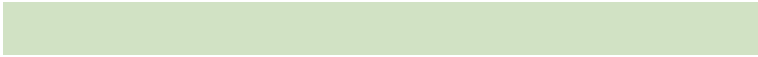
15194101



16635080

# Rectangle

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



13755076



12117724



15194101



16634589



# Sweetspot

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



13755076



16383989



14865860



8159353



0



8421504

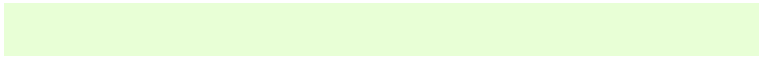


# Same Dimension

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



13755076



15269846



12903110



6975589



5025792



1388544



# Inverse Universe

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



14009570



15587071



14861536



7038320



6553776

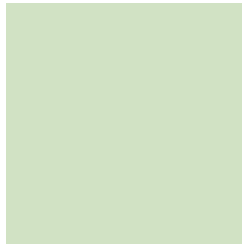


1769520



# Previews

## White Background



This preview shows how the Decimal color 13755076 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 13755076 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

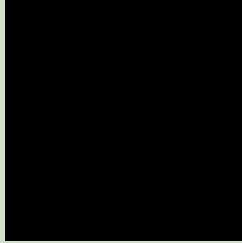
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

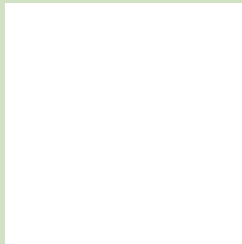
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13755076 Background



This preview shows how black text looks on a background with the Decimal color 13755076.



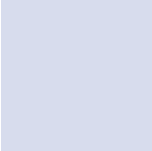
This preview shows how white text looks on a background with the Decimal color 13755076.

# 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](#).

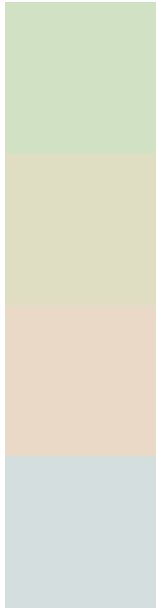
## Dichromacy





**Tritanopia**  
14146797

# Trichromacy



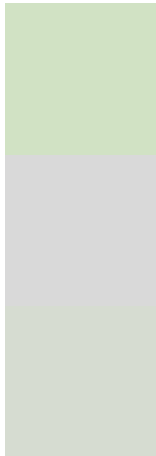
**Original Color**  
13755076

**Protanomaly**  
14671554

**Deuteranomaly**  
15391174

**Tritanomaly**  
14016222

# Monochromacy



**Original Color**  
13755076

**Achromatopsia**  
14277081

**Achromatomaly**  
14081233

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13755076 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 #D1E2C4 looks like.

```
.text, #text, p{  
    color:#D1E2C4  
}
```

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 #D1E2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1E2C4
}
```

## Border

The CSS property to change the border of an element to Decimal 13755076 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
#D1E2C4 }
```

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

```
.border{ border-color:#D1E2C4 }
```

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

Here you see how a box with a 4 pixel #D1E2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1E2C4; -webkit-box-shadow:4px 4px  
4px 4px #D1E2C4; box-shadow:4px 4px 4px  
4px #D1E2C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13755076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1E2C4 }
```

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

```
.background{ background-color:#D1E2C4 }
```

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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