

# Converting Colors

Decimal(13036256)

Have a look what the booklet for  
Decimal(13036256) contains.

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# **Color**

**Decimal(13036256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6EAE0
RGB	198, 234, 224
RGB Percent	78%, 92%, 88%
CMY	0.2235, 0.0824, 0.1216
CMYK	0.15, 0.00, 0.04, 0.08
HSL	163°, 46%, 85%
HSV	163°, 15%, 92%
XYZ	66.1661, 76.2332, 81.7482
YIQ	222.0960, -18.2460, -10.7420

# Conversions

## Conversions Part 2

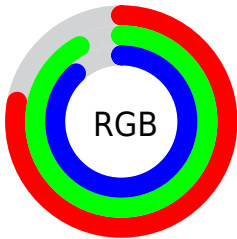
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 219, 234
Decimal	13036256
CIE Lab	89.97, -13.62, 0.93
CIE LCh	90, 13.653, 176.108
Yxy	76.2332, 0.2952, 0.3401
Android (android.graphics.Color)	4291226336 (0xFFC6EAE0)
YUV	222.0960, 0.9387, -21.1322
Hunter-Lab	87.3116, -17.5254, 5.6061

# Details

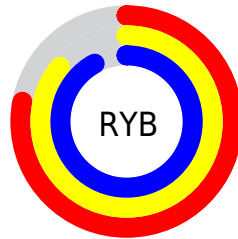
The Decimal color **13036256** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15386320**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777215**, and **9482921** is the 20% darker color. If you saturate the color by 10%, you get **11528922**, and if you desaturate by 10%, it is **14543591**.

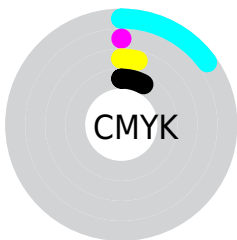
# Distribution



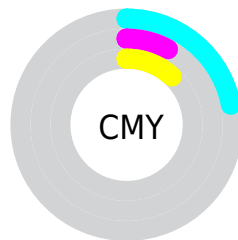
- Red (78%)
- Green (92%)
- Blue (88%)



- Red (78%)
- Yellow (86%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13036256 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 13036256 by changing the saturation by 10% instead.



■ 13036256

16777215

■ 13036256

■ 11259588

■ 9482921

■ 7772046

■ 6127221

■ 4547676

■ 2968645

■ 1521199

■ 73754

■ 0

 13036256

 13036256

 11528922

 14543591

 9956051

 16116461

 8448716

 16771828

 6875846

 16771834

 5368512

 16771839

 3861177

 2288307

 780972

 60073

# Harmonies

## Analogous

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



13822163



13036256



12708589

# Triad

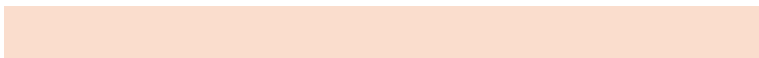
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13036256



14934266



16440781

# Complementary

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



13036256



15386320

# 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.



16767703



13036256



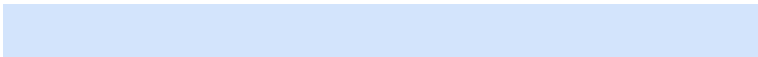
15916273

# Square

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



13036256



13886716



16571108



15720904

# Rectangle

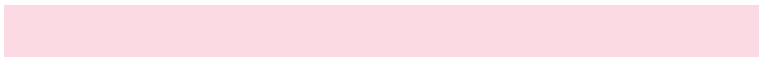
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13036256



12839413



16571108



16571600

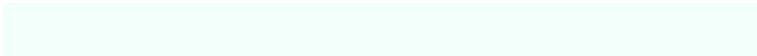


# Sweetspot

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



13036256



15925243



13691590



7897213



0



8421504

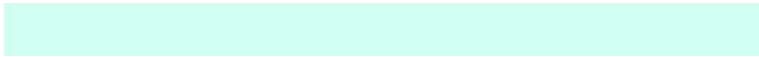


# Same Dimension

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



13036256



13762546



13034218



6976882



46467



13863



# Inverse Universe

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



15386320



16765406



15388358



7694957



11862066

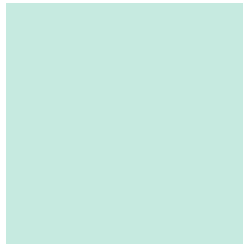


3538959



# Previews

## White Background



This preview shows how the Decimal color 13036256 looks on a white background.

## Color Contrast Check

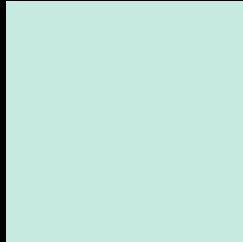
Large Text (above 18pt) WCAG AA × Fail

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 13036256 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

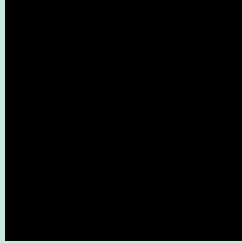
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

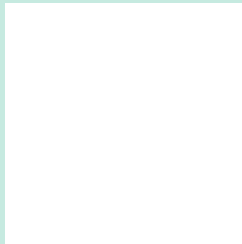
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13036256 Background



This preview shows how black text looks on a background with the Decimal color 13036256.



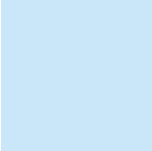
This preview shows how white text looks on a background with the Decimal color 13036256.

# 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](#).

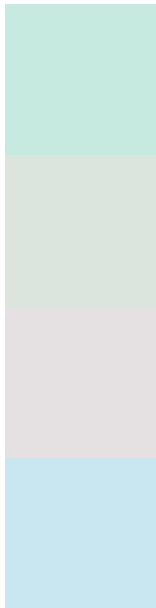
## Dichromacy





**Tritanopia**  
13297401

# Trichromacy



**Original Color**  
13036256

**Protanomaly**  
14410973

**Deuteranomaly**  
15065314

**Tritanomaly**  
13232112

# Monochromacy



**Original Color**  
13036256

**Achromatopsia**  
14606046

**Achromatomaly**  
14017247

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13036256 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 #C6EAE0 looks like.

```
.text, #text, p{  
    color:#C6EAE0  
}
```

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 #C6EAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6EAE0
}
```

## Border

The CSS property to change the border of an element to Decimal 13036256 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
#C6EAE0 }
```

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

```
.border{ border-color:#C6EAE0 }
```

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

Here you see how a box with a 4 pixel #C6EAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6EAE0; -webkit-box-shadow:4px 4px  
4px 4px #C6EAE0; box-shadow:4px 4px 4px  
4px #C6EAE0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13036256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6EAE0 }
```

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

```
.background{ background-color:#C6EAE0 }
```

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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