

# Converting Colors

Decimal(11136980)

Have a look what the booklet for  
Decimal(11136980) contains.

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# **Color**

**Decimal(11136980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9EFD4
RGB	169, 239, 212
RGB Percent	66%, 94%, 83%
CMY	0.3373, 0.0627, 0.1686
CMYK	0.29, 0.00, 0.11, 0.06
HSL	157°, 69%, 80%
HSV	157°, 29%, 94%
XYZ	59.1124, 74.9215, 73.6331
YIQ	214.9920, -33.0530, -23.2370

# Conversions

## Conversions Part 2

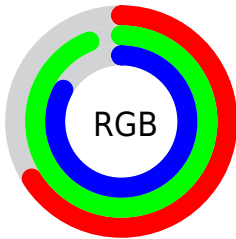
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 212, 239
Decimal	11136980
CIELab	89.36, -27.33, 6.10
CIELCh	89, 28.001, 167.420
Yxy	74.9215, 0.2846, 0.3608
Android (android.graphics.Color)	4289327060 (0xFFA9EFD4)
YUV	214.9920, -1.4751, -40.3350
Hunter-Lab	86.5572, -29.5724, 10.1528

# Details

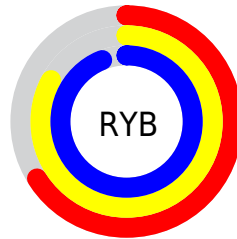
The Decimal color **11136980** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15706564**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **14876671**, and **7583645** is the 20% darker color. If you saturate the color by 10%, you get **9564107**, and if you desaturate by 10%, it is **12709853**.

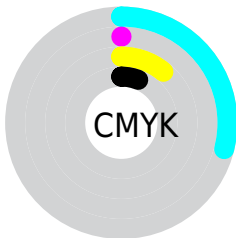
# Distribution



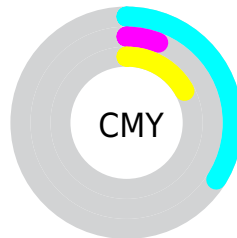
- Red (66%)
- Green (94%)
- Blue (83%)



- Red (66%)
- Yellow (83%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)



- Cyan (34%)
- Magenta (6%)
- Yellow (17%)


# Brightness & Saturation Gradients


These gradients show how the Decimal color 11136980 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 11136980 by changing the saturation by 10% instead.





 11136980

 11136980

 9564107

 12709853

 7991234

 14282726

 6418360

 15855600

 4845487

 16773113

 3272614

 16773119

 1765277

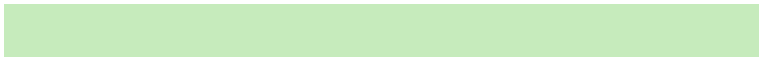
 192403

 61331

# Harmonies

## Analogous

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



13036476



11136980



9892080

# Triad

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



11136980



14081791



16765882

# Complementary

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



11136980



15706564

# 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.



16764626



11136980



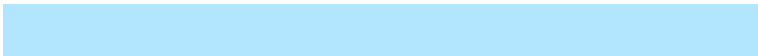
16307711

# Square

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



11136980



11724543



16764909



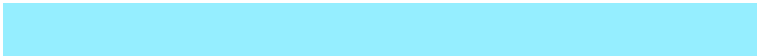
16767917

# Rectangle

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



11136980



9826047



16764909



16765377

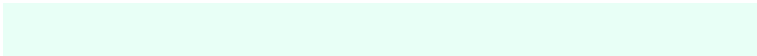


# Sweetspot

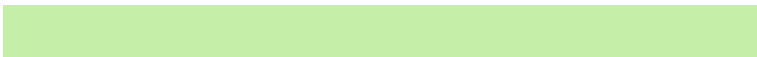
The Sweet Spot groups the original color and five complimentary colors.



11136980



15269878



12971945



7438458



0



8421504

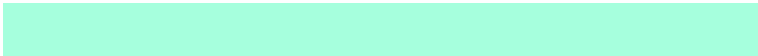


# Same Dimension

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



11136980



10944477



11135215



7108723



47217



14370



# Inverse Universe

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



15706564



16754376



15708329



7892080



12058695

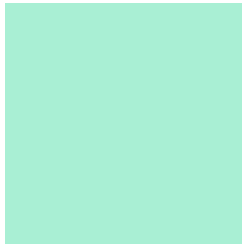


3670038



# Previews

## White Background



This preview shows how the Decimal color 11136980 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 11136980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

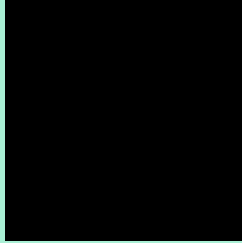
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

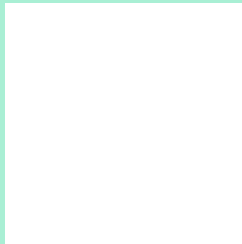
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11136980 Background



This preview shows how black text looks on a background with the Decimal color 11136980.




This preview shows how white text looks on a background with the Decimal color 11136980.

# 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





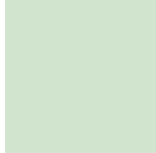
**Tritanopia**  
11659772

# Trichromacy



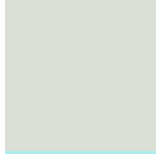
**Original Color**

11136980



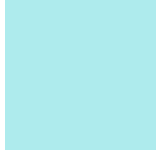
**Protanomaly**

13755854



**Deuteranomaly**

14409943



**Tritanomaly**

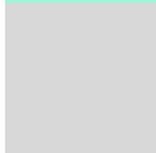
11463661

# Monochromacy



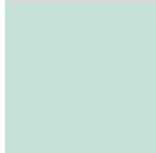
**Original Color**

11136980



**Achromatopsia**

14145495



**Achromatomaly**

13033686

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11136980 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 #A9EFD4 looks like.

```
.text, #text, p{  
    color:#A9EFD4  
}
```

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 #A9EFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9EFD4
}
```

## Border

The CSS property to change the border of an element to Decimal 11136980 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
#A9EFD4 }
```

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

```
.border{ border-color:#A9EFD4 }
```

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

Here you see how a box with a 4 pixel #A9EFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9EFD4; -webkit-box-shadow:4px 4px  
4px 4px #A9EFD4; box-shadow:4px 4px 4px  
4px #A9EFD4 }
```

# Background

The CSS property to change the background color of an element to Decimal 11136980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9EFD4 }
```

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

```
.background{ background-color:#A9EFD4 }
```

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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