

# Converting Colors

Decimal(11986649)

Have a look what the booklet for  
Decimal(11986649) contains.

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# **Color**

**Decimal(11986649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E6D9
RGB	182, 230, 217
RGB Percent	71%, 90%, 85%
CMY	0.2863, 0.0980, 0.1490
CMYK	0.21, 0.00, 0.06, 0.10
HSL	164°, 49%, 81%
HSV	164°, 21%, 90%
XYZ	60.1126, 71.5485, 76.2876
YIQ	214.1660, -24.4350, -14.2190

# Conversions

## Conversions Part 2

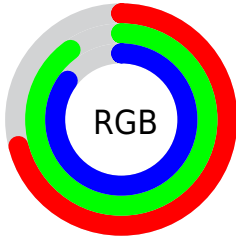
Format	Color
<a href="#">RYB</a>	<a href="#">182, 210, 230</a>
Decimal	<a href="#">11986649</a>
CIELab	<a href="#">87.75, -18.02, 1.25</a>
CIELCh	<a href="#">88, 18.059, 176.044</a>
Yxy	<a href="#">71.5485, 0.2891, 0.3441</a>
Android (android.graphics.Color)	<a href="#">4290176729</a> ( <a href="#">0xFFB6E6D9</a> )
YUV	<a href="#">214.1660, 1.3972, -28.2096</a>
Hunter-Lab	<a href="#">84.5863, -21.1722, 5.7373</a>

# Details

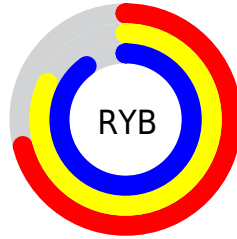
The Decimal color **11986649** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15120067**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **15728639**, and **8433314** is the 20% darker color. If you saturate the color by 10%, you get **10479315**, and if you desaturate by 10%, it is **13493983**.

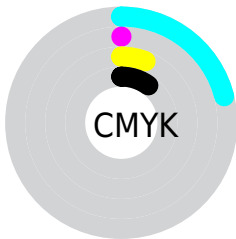
# Distribution



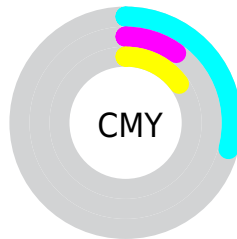
- Red (71%)
- Green (90%)
- Blue (85%)



- Red (71%)
- Yellow (82%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11986649 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 11986649 by changing the saturation by 10% instead.



■ 11986649

16777215

■ 15728639

■ 11986649

■ 10209981

■ 8433314

■ 6722696

■ 5077615

■ 3498326

■ 1919295

■ 143913

■ 7701

■ 0

 11986649

 11986649

 10479315

 13493983

 8971981

 15001317

 7464646

 16508652

 5957312

 16770802

 4449978

 16770808

 2942644

 16770814

 1435309

 16770815

 59048

# Harmonies

## Analogous

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



13034696



11986649



11527914

# Triad

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



11986649



14473467



16438720

# Complementary

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



11986649



15120067

# 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.



16765390



11986649



15782895

# Square

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



11986649



13033214



16634079



15522490

# Rectangle

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



11986649



11724020



16634079



16634820



# Sweetspot

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



11986649



15794171



12904118



7831677



0



8421504

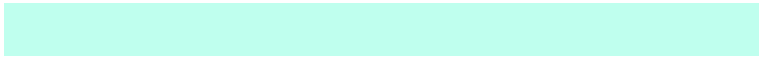


# Same Dimension

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



11986649



12582894



11984102



6779760



45954



13093



# Inverse Universe

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



15120067



16760785



15122614



7563114



11730992



3342350



# Previews

## White Background



This preview shows how the Decimal color 11986649 looks on a white background.

## Color Contrast Check

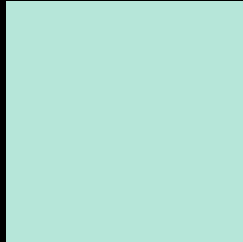
Large Text (above 18pt) WCAG AA × Fail

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 11986649 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

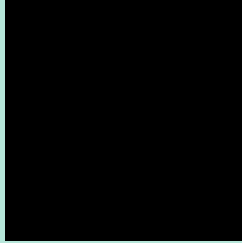
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

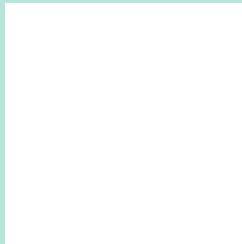
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11986649 Background



This preview shows how black text looks on a background with the Decimal color 11986649.




This preview shows how white text looks on a background with the Decimal color 11986649.

# 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





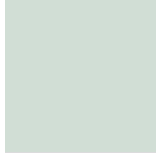
**Tritanopia**  
12313332

# Trichromacy



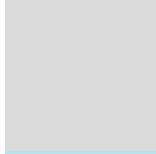
**Original Color**

11986649



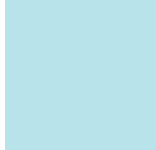
**Protanomaly**

13754069



**Deuteranomaly**

14408668



**Tritanomaly**

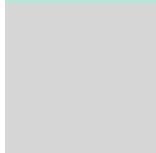
12182506

# Monochromacy



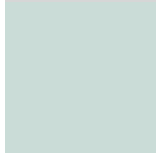
**Original Color**

11986649



**Achromatopsia**

14079702



**Achromatomaly**

13294807

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11986649 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 #B6E6D9 looks like.

```
.text, #text, p{  
    color:#B6E6D9  
}
```

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 #B6E6D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E6D9
}
```

## Border

The CSS property to change the border of an element to Decimal 11986649 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
#B6E6D9 }
```

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

```
.border{ border-color:#B6E6D9 }
```

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

Here you see how a box with a 4 pixel #B6E6D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E6D9; -webkit-box-shadow:4px 4px  
4px 4px #B6E6D9; box-shadow:4px 4px 4px  
4px #B6E6D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11986649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E6D9 }
```

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

```
.background{ background-color:#B6E6D9 }
```

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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