

# Converting Colors

Decimal(8836324)

Have a look what the booklet for  
Decimal(8836324) contains.

<b>Decimal(8836324)</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(8836324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86D4E4
RGB	134, 212, 228
RGB Percent	53%, 83%, 89%
CMY	0.4745, 0.1686, 0.1059
CMYK	0.41, 0.07, 0.00, 0.11
HSL	190°, 64%, 71%
HSV	190°, 41%, 89%
XYZ	47.3786, 57.7567, 82.0498
YIQ	190.5020, -51.6240, -11.5600

# Conversions

## Conversions Part 2

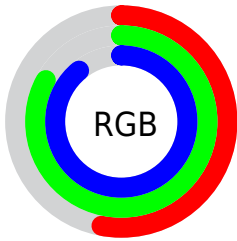
Format	Color
<b>RYB</b>	134, 177, 228
Decimal	8836324
CIELab	80.60, -19.95, -15.44
CIELCh	81, 25.226, 217.744
Yxy	57.7567, 0.2531, 0.3086
Android (android.graphics.Color)	4287026404 (0xFF86D4E4)
YUV	190.5020, 18.4865, -49.5523
Hunter-Lab	75.9979, -21.7157, -10.8130

# Details

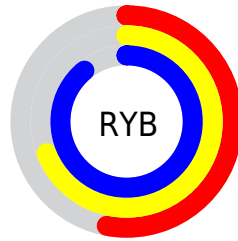
The Decimal color **8836324** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14980742**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **12582911**, and **5152173** is the 20% darker color. If you saturate the color by 10%, you get **7327972**, and if you desaturate by 10%, it is **10344676**.

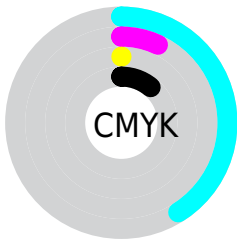
# Distribution



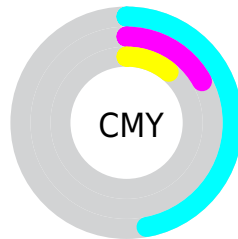
- Red (53%)
- Green (83%)
- Blue (89%)



- Red (53%)
- Yellow (69%)
- Blue (89%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (17%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8836324 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 8836324 by changing the saturation by 10% instead.



 8836324

 8836324

16777215

 6994120

 12582911

 5152173

 14483455

 3113874

 16449535

 158328

 20832

 14920

 9265

 1565

 0

■ 8836324

■ 8836324

■ 7327972

■ 10344676

■ 5819620

■ 11853028

■ 4376804

■ 13295844

■ 2868452

■ 14804196

■ 1360356

■ 16312292

■ 48612

■ 16772068

■ 16773092

■ 16774116

■ 16775140

# Harmonies

## Analogous

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



9164493



8836324



9883635

# Triad

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



8836324



15514074



13944985

# Complementary

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



8836324



14980742

# 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.



15319453



8836324



16299971

# Square

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



8836324



13943021



16169644



12177314

# Rectangle

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



8836324



11193335



16169644



14468761

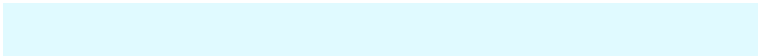


# Sweetspot

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



8836324



14744319



8840342



7240832



0



8421504

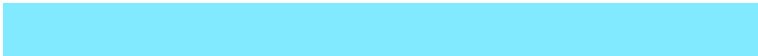


# Same Dimension

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



8836324



8579839



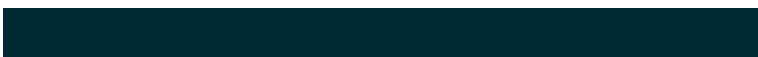
8824292



6779251



38067



10803



# Inverse Universe

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



14976724



16745194



14992774



7563121



11731092

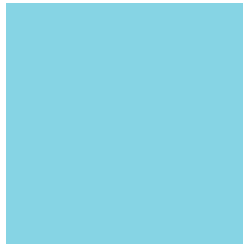


3342378



# Previews

## White Background



This preview shows how the Decimal color 8836324 looks on a white background.

## Color Contrast Check

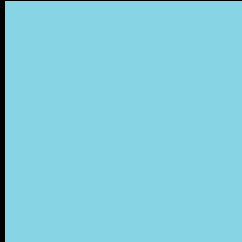
Large Text (above 18pt) WCAG AA × Fail

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 8836324 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

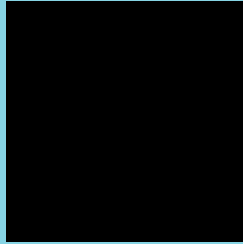
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8836324 Background



This preview shows how black text looks on a background with the Decimal color 8836324.

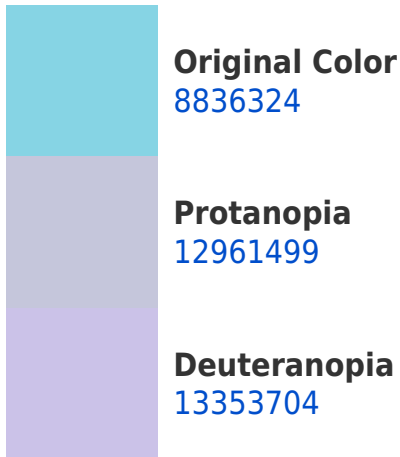


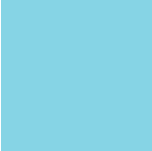
This preview shows how white text looks on a background with the Decimal color 8836324.

# 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



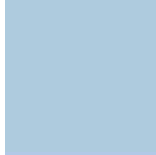


**Tritanopia**  
8836325

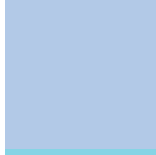
# Trichromacy



**Original Color**  
8836324



**Protanomaly**  
11455454



**Deuteranomaly**  
11717095

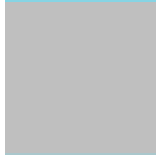


**Tritanomaly**  
8836325

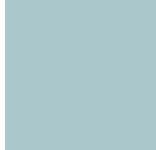
# Monochromacy



**Original Color**  
8836324



**Achromatopsia**  
12566463



**Achromatomaly**  
11192268

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8836324 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 #86D4E4 looks like.

```
.text, #text, p{  
    color:#86D4E4  
}
```

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 #86D4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D4E4
}
```

## Border

The CSS property to change the border of an element to Decimal 8836324 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
#86D4E4 }
```

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

```
.border{ border-color:#86D4E4 }
```

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

Here you see how a box with a 4 pixel #86D4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D4E4; -webkit-box-shadow:4px 4px  
4px 4px #86D4E4; box-shadow:4px 4px 4px  
4px #86D4E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8836324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D4E4 }
```

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

```
.background{ background-color:#86D4E4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor