

# Converting Colors

Decimal(8895447)

Have a look what the booklet for  
Decimal(8895447) contains.

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# **Color**

**Decimal(8895447)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 87BBD7                      |
| RGB         | 135, 187, 215               |
| RGB Percent | 53%, 73%, 84%               |
| CMY         | 0.4706, 0.2667, 0.1569      |
| CMYK        | 0.37, 0.13, 0.00, 0.16      |
| HSL         | 201°, 50%, 69%              |
| HSV         | 201°, 37%, 84%              |
| XYZ         | 40.0277, 45.5978, 70.9816   |
| YIQ         | 174.6440, -39.9800, -2.3160 |

# Conversions

## Conversions Part 2

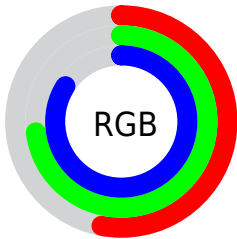
| Format                              | Color                                                        |
|-------------------------------------|--------------------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">135, 167, 215</a>                                |
| Decimal                             | <a href="#">8895447</a>                                      |
| CIELab                              | <a href="#">73.28, -10.06, -19.48</a>                        |
| CIElCh                              | <a href="#">73, 21.925, 242.679</a>                          |
| Yxy                                 | <a href="#">45.5978, 0.2556, 0.2912</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287085527</a><br>( <a href="#">0xFF87BBD7</a> ) |
| YUV                                 | <a href="#">174.6440, 19.8955, -34.7678</a>                  |
| Hunter-Lab                          | <a href="#">67.5262, -12.3607, -15.0556</a>                  |

# Details

The Decimal color **8895447** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14132103**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **12579839**, and **5342880** is the 20% darker color. If you saturate the color by 10%, you get **7451607**, and if you desaturate by 10%, it is **10339287**.

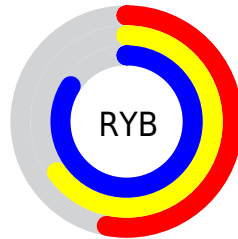
# Distribution



Red (53%)

Green (73%)

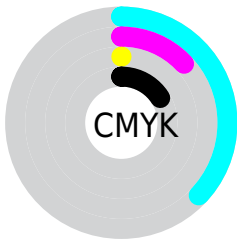
Blue (84%)



Red (53%)

Yellow (65%)

Blue (84%)

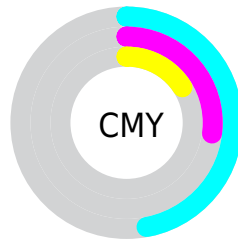


Cyan (37%)

Magenta (13%)

Yellow (0%)

Black (16%)



Cyan (47%)

Magenta (27%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8895447 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 8895447 by changing the saturation by 10% instead.



8895447

8895447

16777215

7119035

12579839

5342880

14417919

3566982

16318463

1594477

15700

10045

4903

274

0

■ 8895447

■ 8895447

■ 7451607

■ 10339287

■ 6073559

■ 11717335

■ 4629719

■ 13161175

■ 3251671

■ 14539223

■ 1807831

■ 15983063

■ 429783

■ 16771287

■ 36055

■ 16773335

■ 16775127

■ 16777175

# Harmonies

## Analogous

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



8175561



8895447



10466780

# Triad

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



8895447



14460595



11254162

# Complementary

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



8895447



14132103

# 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.



12694412



8895447



14526367

# Square

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



8895447



13674695



13872529



9813665

# Rectangle

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



8895447



11645401



13872529



11777935



# Sweetspot

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



8895447



14939647



8902563



7305856



0



8421504

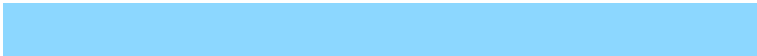


# Same Dimension

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



8895447



9230335



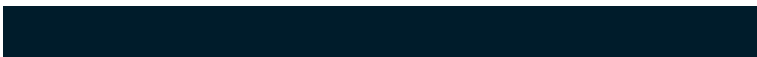
8885207



6317931



28587



7211



# Inverse Universe

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



14124987



16747735



14142343



7037031



11206767

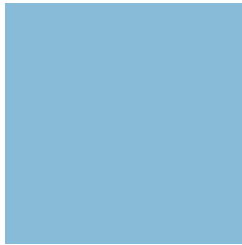


2818076



# Previews

## White Background



This preview shows how the Decimal color 8895447 looks on a white background.

## Color Contrast Check

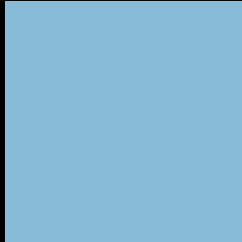
Large Text (above 18pt) WCAG AA × Fail

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 8895447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

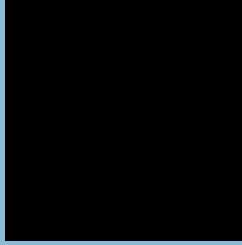
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8895447 Background



This preview shows how black text looks on a background with the Decimal color 8895447.



This preview shows how white text looks on a background with the Decimal color 8895447.

# 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



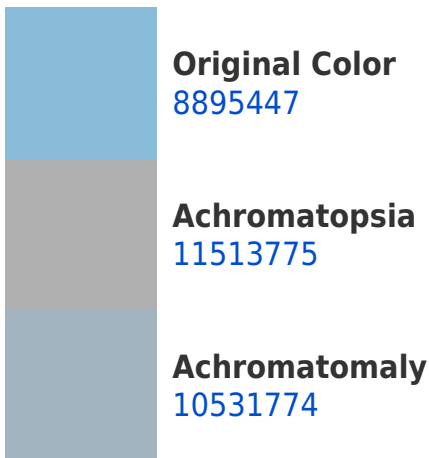


**Tritanopia**  
8699340

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8895447 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 #87BBD7 looks like.

```
.text, #text, p{  
    color:#87BBD7  
}
```

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 #87BBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87BBD7
}
```

## Border

The CSS property to change the border of an element to Decimal 8895447 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
#87BBD7 }
```

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

```
.border{ border-color:#87BBD7 }
```

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

Here you see how a box with a 4 pixel #87BBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87BBD7; -webkit-box-shadow:4px 4px  
4px 4px #87BBD7; box-shadow:4px 4px 4px  
4px #87BBD7 }
```

# Background

The CSS property to change the background color of an element to Decimal 8895447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87BBD7 }
```

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

```
.background{ background-color:#87BBD7 }
```

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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