

# Converting Colors

Decimal(8636112)

Have a look what the booklet for  
Decimal(8636112) contains.

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# **Color**

**Decimal(8636112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C6D0
RGB	131, 198, 208
RGB Percent	51%, 78%, 82%
CMY	0.4863, 0.2235, 0.1843
CMYK	0.37, 0.05, 0.00, 0.18
HSL	188°, 45%, 66%
HSV	188°, 37%, 82%
XYZ	40.9393, 49.7675, 67.1229
YIQ	179.1070, -43.1420, -11.0940

# Conversions

## Conversions Part 2

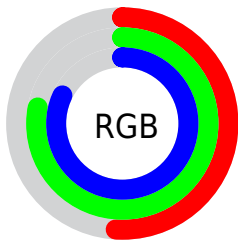
Format	Color
<a href="#">RYB</a>	<a href="#">131, 167, 208</a>
Decimal	<a href="#">8636112</a>
CIELab	<a href="#">75.93, -18.63, -11.72</a>
CIElCh	<a href="#">76, 22.011, 212.179</a>
Yxy	<a href="#">49.7675, 0.2594, 0.3153</a>
Android (android.graphics.Color)	<a href="#">4286826192 (0xFF83C6D0)</a>
YUV	<a href="#">179.1070, 14.2442, -42.1898</a>
Hunter-Lab	<a href="#">70.5461, -19.8685, -7.0307</a>

# Details

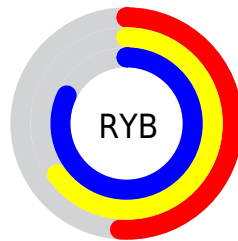
The Decimal color **8636112** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13667715**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **12320767**, and **5083290** is the 20% darker color. If you saturate the color by 10%, you get **7259088**, and if you desaturate by 10%, it is **10013136**.

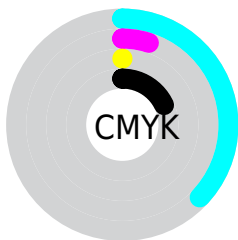
# Distribution



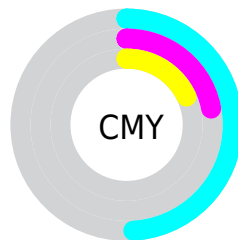
- Red (51%)
- Green (78%)
- Blue (82%)



- Red (51%)
- Yellow (65%)
- Blue (82%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (22%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8636112 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 8636112 by changing the saturation by 10% instead.



8636112

8636112

16777215

6859700

12320767

5083290

14155775

3241600

16121855

941415

17999

12088

7202

11

0

8636112

8636112

7259088

10013136

5882320

11389904

4570832

12701392

3193808

14078416

1816784

15455440

440016

16766672

46544

16767440

16768208

16768720

# Harmonies

## Analogous

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



9029564



8636112



9355998

# Triad

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



8636112



14135502



13220499

# Complementary

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



8636112



13667715

# 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.



14398616



8636112



14921146

# Square

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



8636112



12695005



15052454



11780248

# Rectangle

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



8636112



10338275



15052454



13678739

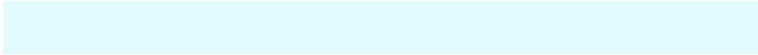


# Sweetspot

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



8636112



14941183



8638604



7306624



0



8421504

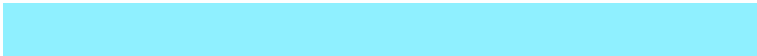


# Same Dimension

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



8636112



9433343



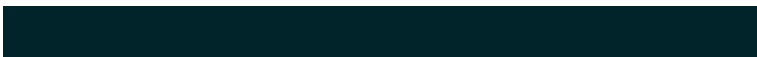
8626640



6186857



37544



9257



# Inverse Universe

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



13665222



16748528



13677187



6905447



11010194

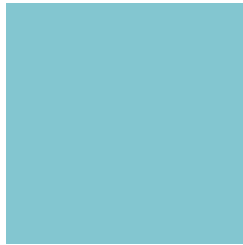


2687012



# Previews

## White Background



This preview shows how the Decimal color 8636112 looks on a white background.

## Color Contrast Check

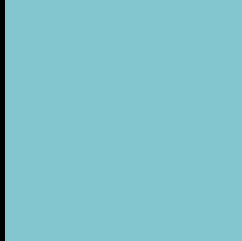
Large Text (above 18pt) WCAG AA × Fail

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 8636112 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

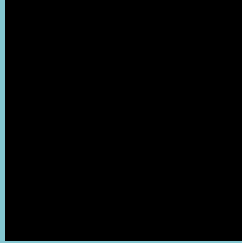
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 8636112 Background



This preview shows how black text looks on a background with the Decimal color 8636112.

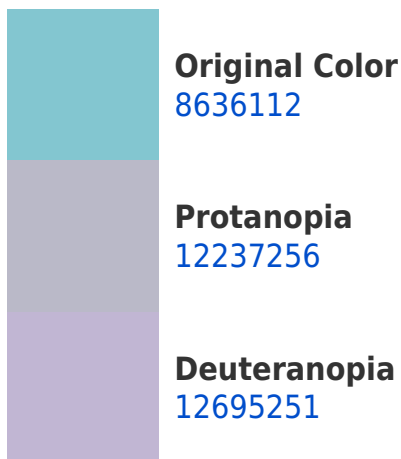


This preview shows how white text looks on a background with the Decimal color 8636112.

# 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**  
8701397

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8636112 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 #83C6D0 looks like.

```
.text, #text, p{  
    color:#83C6D0  
}
```

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 #83C6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C6D0
}
```

## Border

The CSS property to change the border of an element to Decimal 8636112 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
#83C6D0 }
```

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

```
.border{ border-color:#83C6D0 }
```

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

Here you see how a box with a 4 pixel #83C6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C6D0; -webkit-box-shadow:4px 4px  
4px 4px #83C6D0; box-shadow:4px 4px 4px  
4px #83C6D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8636112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C6D0 }
```

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

```
.background{ background-color:#83C6D0 }
```

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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