

Converting Colors

Decimal(8635610)

Have a look what the booklet for
Decimal(8635610) contains.

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Color

Decimal(8635610)

Conversions

Conversions Part 1

Format	Color
Hex	83C4DA
RGB	131, 196, 218
RGB Percent	51%, 77%, 85%
CMY	0.4863, 0.2314, 0.1451
CMYK	0.40, 0.10, 0.00, 0.15
HSL	195°, 54%, 68%
HSV	195°, 40%, 85%
XYZ	41.7549, 49.3671, 73.6578
YIQ	179.0730, -45.8020, -6.9380

Conversions

Conversions Part 2

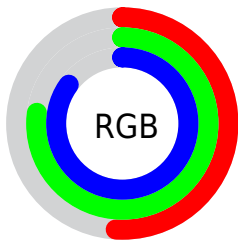
Format	Color
RYB	131, 168, 218
Decimal	8635610
CIELab	75.68, -15.07, -17.50
CIELCh	76, 23.098, 229.265
Yxy	49.3671, 0.2534, 0.2996
Android (android.graphics.Color)	4286825690 (0xFF83C4DA)
YUV	179.0730, 19.1910, -42.1600
Hunter-Lab	70.2617, -16.8797, -12.9725

Details

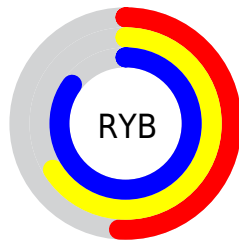
The Decimal color **8635610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14326147**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **12320255**, and **5017251** is the 20% darker color. If you saturate the color by 10%, you get **7192282**, and if you desaturate by 10%, it is **10078938**.

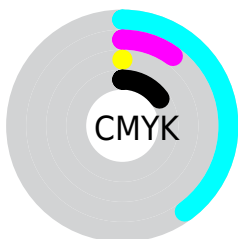
Distribution



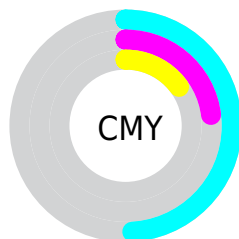
- Red (51%)
- Green (77%)
- Blue (85%)



- Red (51%)
- Yellow (66%)
- Blue (85%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8635610 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 8635610 by changing the saturation by 10% instead.

8635610

8635610

16777215

6793662

12320255

5017251

14221311

3110281

16121855

613487

17495

11840

6697

277

0

■ 8635610

■ 8635610

■ 7192282

■ 10078938

■ 5749210

■ 11522010

■ 4371418

■ 12899802

■ 2928346

■ 14342874

■ 1485018

■ 15786202

■ 41946

■ 16770522

■ 16772058

■ 16773338

■ 16774874

Harmonies

Analogous

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



8439752



8635610



10010596

Triad

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



8635610



14724291



12369298

Complementary

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



8635610



14326147

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.



13809297



8635610



15183021

Square

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



8635610



13545942



14790811



10797982

Rectangle

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



8635610



11188964



14790811



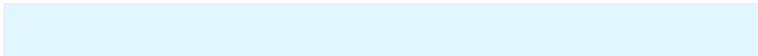
12893072

Sweetspot

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



8635610



14743551



8641177



7240576



0



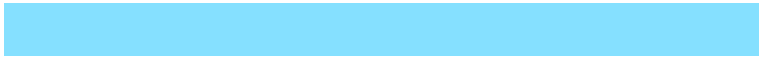
8421504

Same Dimension

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



8635610



8773887



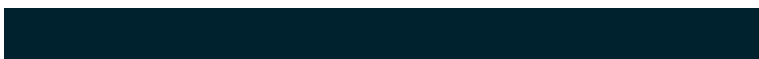
8624602



6515566



33453



8750

Inverse Universe

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



14320580



16745952



14337155



7234411



11337858



3014690

Previews

White Background



This preview shows how the Decimal color 8635610 looks on a white background.

Color Contrast Check

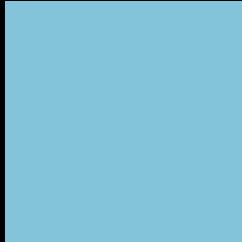
Large Text (above 18pt) WCAG AA × Fail

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 8635610 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 8635610 Background



This preview shows how black text looks on a background with the Decimal color 8635610.

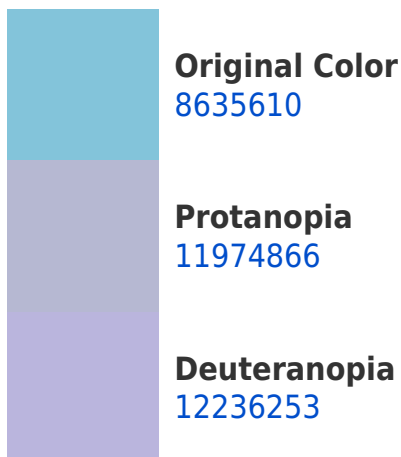


This preview shows how white text looks on a background with the Decimal color 8635610.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8635610 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 #83C4DA looks like.

```
.text, #text, p{  
    color:#83C4DA  
}
```

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 #83C4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C4DA
}
```

Border

The CSS property to change the border of an element to Decimal 8635610 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
#83C4DA }
```

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

```
.border{ border-color:#83C4DA }
```

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

Here you see how a box with a 4 pixel #83C4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C4DA; -webkit-box-shadow:4px 4px  
4px 4px #83C4DA; box-shadow:4px 4px 4px  
4px #83C4DA }
```

Background

The CSS property to change the background color of an element to Decimal 8635610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C4DA }
```

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

```
.background{ background-color:#83C4DA }
```

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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