

Converting Colors

Decimal(8766434)

Have a look what the booklet for
Decimal(8766434) contains.

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Color

Decimal(8766434)

Conversions

Conversions Part 1

Format	Color
Hex	85C3E2
RGB	133, 195, 226
RGB Percent	52%, 76%, 89%
CMY	0.4784, 0.2353, 0.1137
CMYK	0.41, 0.14, 0.00, 0.11
HSL	200°, 62%, 70%
HSV	200°, 41%, 89%
XYZ	42.9154, 49.5077, 79.2456
YIQ	179.9960, -46.9030, -3.5030

Conversions

Conversions Part 2

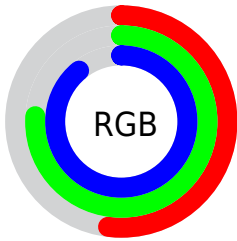
Format	Color
RYB	133, 170, 226
Decimal	8766434
CIELab	75.77, -11.96, -21.68
CIELCh	76, 24.763, 241.124
Yxy	49.5077, 0.2500, 0.2884
Android (android.graphics.Color)	4286956514 (0xFF85C3E2)
YUV	179.9960, 22.6800, -41.2155
Hunter-Lab	70.3617, -14.2613, -17.5227

Details

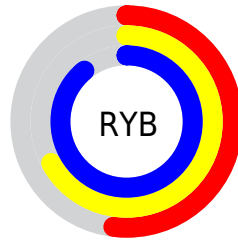
The Decimal color **8766434** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14853253**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **12451071**, and **5148075** is the 20% darker color. If you saturate the color by 10%, you get **7257058**, and if you desaturate by 10%, it is **10275810**.

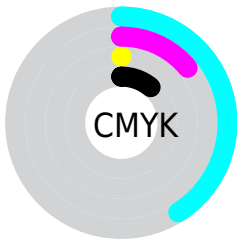
Distribution



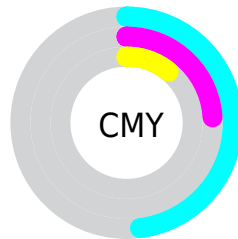
- Red (52%)
- Green (76%)
- Blue (89%)



- Red (52%)
- Yellow (67%)
- Blue (89%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (48%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8766434 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 8766434 by changing the saturation by 10% instead.

8766434

8766434

16777215

6924486

12451071

5148075

14352383

3175568

16318463

613238

17502

11590

6703

282

0

8766434

8766434

7257058

10275810

5813474

11719394

4304098

13228770

2860514

14672354

1351138

16181730

38882

16773346

16775394

16777186

Harmonies

Analogous

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



7981009



8766434



10534120

Triad

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



8766434



15182523



11714707

Complementary

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



8766434



14853253

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.



13351309



8766434



15314084

Square

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



8766434



14266065



14594707



10012068

Rectangle

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



8766434



11909093



14594707



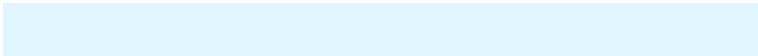
12304016

Sweetspot

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



8766434



14743039



8774308



7240320



0



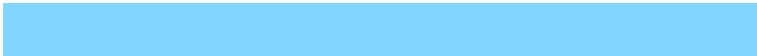
8421504

Same Dimension

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



8766434



8574463



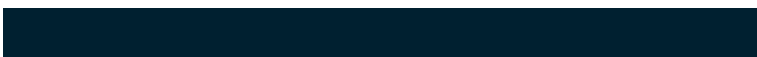
8754658



6646896



30128



8240

Inverse Universe

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



14845379



16745173



14865285



7365996



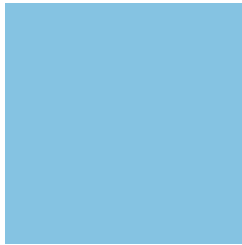
11534453



3145760

Previews

White Background



This preview shows how the Decimal color 8766434 looks on a white background.

Color Contrast Check

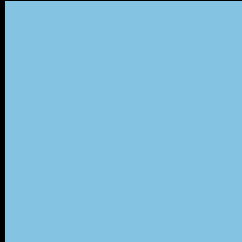
Large Text (above 18pt) WCAG AA × Fail

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 8766434 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 8766434 Background



This preview shows how black text looks on a background with the Decimal color 8766434.

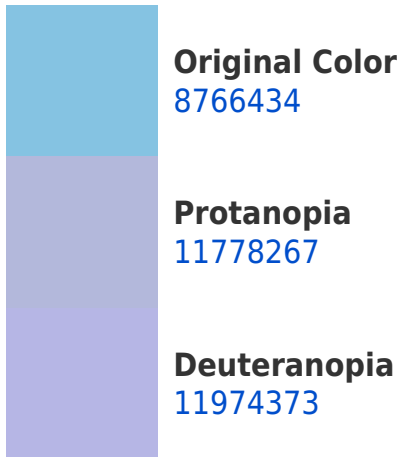


This preview shows how white text looks on a background with the Decimal color 8766434.

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](#).

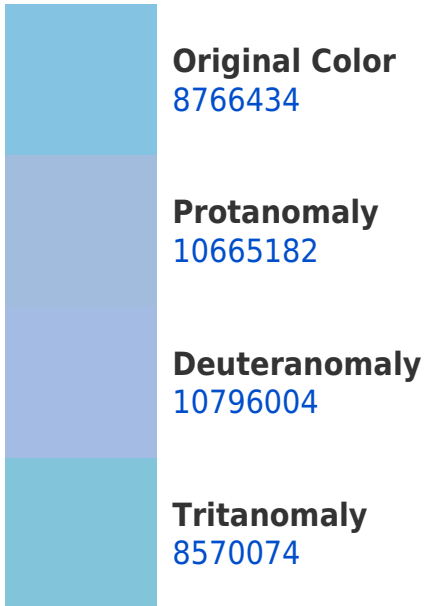
Dichromacy



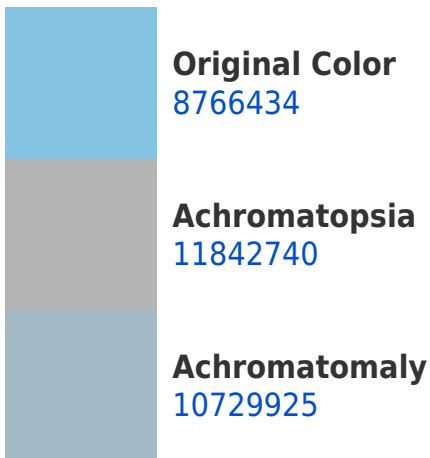


Tritanopia
8504789

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8766434 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 #85C3E2 looks like.

```
.text, #text, p{  
    color:#85C3E2  
}
```

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 #85C3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C3E2
}
```

Border

The CSS property to change the border of an element to Decimal 8766434 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
#85C3E2 }
```

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

```
.border{ border-color:#85C3E2 }
```

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

Here you see how a box with a 4 pixel #85C3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C3E2; -webkit-box-shadow:4px 4px  
4px 4px #85C3E2; box-shadow:4px 4px 4px  
4px #85C3E2 }
```

Background

The CSS property to change the background color of an element to Decimal 8766434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C3E2 }
```

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

```
.background{ background-color:#85C3E2 }
```

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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