

Converting Colors

Decimal(8441036)

Have a look what the booklet for
Decimal(8441036) contains.

Decimal(8441036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8441036)

Conversions

Conversions Part 1

Format	Color
Hex	80CCCC
RGB	128, 204, 204
RGB Percent	50%, 80%, 80%
CMY	0.4980, 0.2000, 0.2000
CMYK	0.37, 0.00, 0.00, 0.20
HSL	180°, 43%, 65%
HSV	180°, 37%, 80%
XYZ	41.3940, 52.1346, 65.0080
YIQ	181.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

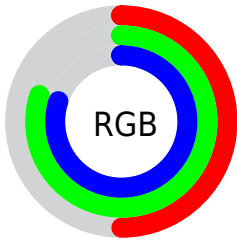
Format	Color
RYB	128, 166, 204
Decimal	8441036
CIELab	77.36, -23.42, -7.44
CIELCh	77, 24.575, 197.626
Yxy	52.1346, 0.2611, 0.3288
Android (android.graphics.Color)	4286631116 (0xFF80CCCC)
YUV	181.2760, 11.2029, -46.7231
Hunter-Lab	72.2043, -24.0251, -2.8379

Details

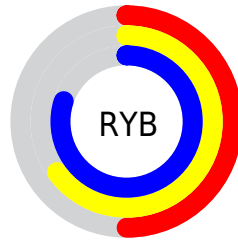
The Decimal color **8441036** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13402240**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **12124159**, and **4822678** is the 20% darker color. If you saturate the color by 10%, you get **7130316**, and if you desaturate by 10%, it is **9751756**.

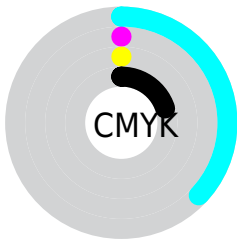
Distribution



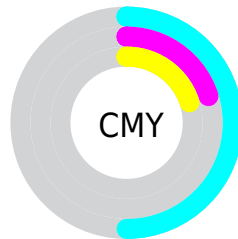
- Red (50%)
- Green (80%)
- Blue (80%)



- Red (50%)
- Yellow (65%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8441036 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 8441036 by changing the saturation by 10% instead.

8441036

8441036

16777215

6664369

12124159

4822678

14024703

2915452

15925247

221795

19019

13109

7968

7

0


 8441036

 8441036

 7130316

 9751756

 5754060

 11128012

 4443340

 12438732

 3067084

 13814988

 1756364

 15125708

 445644

 16436428

 52428

 16764108

Harmonies

Analogous

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



9489333



8441036



8571360

Triad

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



8441036



13874654



14269075

Complementary

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



8441036



13402240

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.



15315870



8441036



15184073

Square

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



8441036



11976170



15642546



12763796

Rectangle

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



8441036



9422569



15642546



14661782

Sweetspot

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



8441036



14942207



8440960



7307392



0



8421504

Same Dimension

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



8441036



9240575



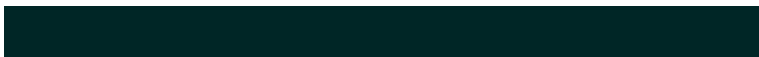
8431308



6055526



42662



9766

Inverse Universe

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



13402316



16747775



13411968



6708326



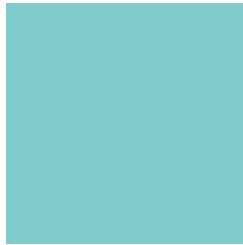
10879142



2490406

Previews

White Background



This preview shows how the Decimal color 8441036 looks on a white background.

Color Contrast Check

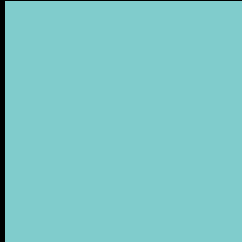
Large Text (above 18pt) WCAG AA × Fail

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 8441036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

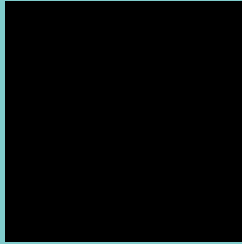
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

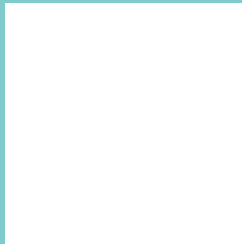
Any Text WCAG AAA ✓ Pass

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

Decimal 8441036 Background



This preview shows how black text looks on a background with the Decimal color 8441036.

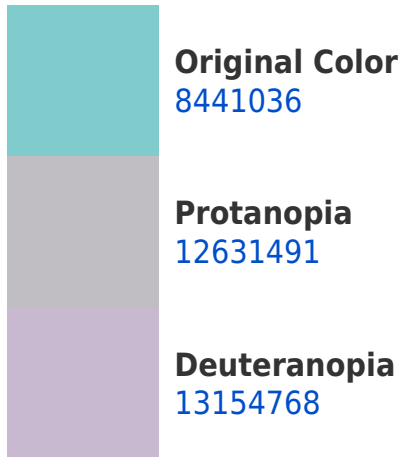


This preview shows how white text looks on a background with the Decimal color 8441036.

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
8702682

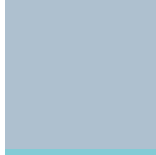
Trichromacy



Original Color
8441036



Protanomaly
11125446



Deuteranomaly
11452623

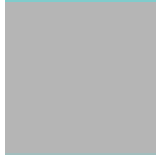


Tritanomaly
8637397

Monochromacy



Original Color
8441036



Achromatopsia
11908533



Achromatomaly
10665405

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8441036 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 #80CCCC looks like.

```
.text, #text, p{  
    color:#80CCCC  
}
```

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 #80CCCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CCCC
}
```

Border

The CSS property to change the border of an element to Decimal 8441036 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
#80CCCC }
```

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

```
.border{ border-color:#80CCCC }
```

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

Here you see how a box with a 4 pixel #80CCCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CCCC; -webkit-box-shadow:4px 4px  
4px 4px #80CCCC; box-shadow:4px 4px 4px  
4px #80CCCC }
```

Background

The CSS property to change the background color of an element to Decimal 8441036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CCCC }
```

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

```
.background{ background-color:#80CCCC }
```

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