

Converting Colors

Decimal(8900030)

Have a look what the booklet for
Decimal(8900030) contains.

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Color

Decimal(8900030)

Conversions

Conversions Part 1

Format	Color
Hex	87CDBE
RGB	135, 205, 190
RGB Percent	53%, 80%, 75%
CMY	0.4706, 0.1961, 0.2549
CMYK	0.34, 0.00, 0.07, 0.20
HSL	167°, 41%, 67%
HSV	167°, 34%, 80%
XYZ	41.1173, 52.5312, 56.6876
YIQ	182.3600, -36.9050, -19.5050

Conversions

Conversions Part 2

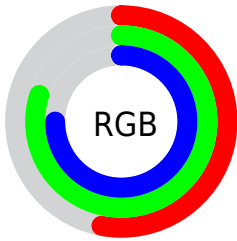
Format	Color
RYB	135, 174, 205
Decimal	8900030
CIELab	77.60, -25.29, 0.48
CIElCh	78, 25.291, 178.910
Yxy	52.5312, 0.2735, 0.3494
Android (android.graphics.Color)	4287090110 (0xFF87CDBE)
YUV	182.3600, 3.7665, -41.5347
Hunter-Lab	72.4784, -25.5736, 4.3624

Details

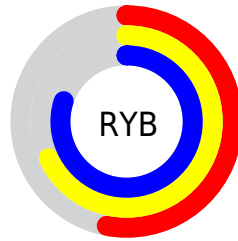
The Decimal color **8900030** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13469590**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **12517366**, and **5412489** is the 20% darker color. If you saturate the color by 10%, you get **7589306**, and if you desaturate by 10%, it is **10276290**.

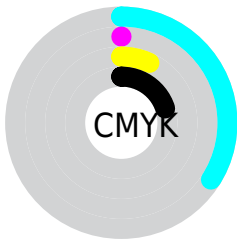
Distribution



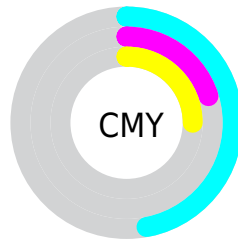
- Red (53%)
- Green (80%)
- Blue (75%)



- Red (53%)
- Yellow (68%)
- Blue (80%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (47%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8900030 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 8900030 by changing the saturation by 10% instead.



8900030



8900030

16777215



7123363



12517366



5412489



14417919



3636335



16318463



1729367



19264



13354



8213



0



8900030



8900030

7589306

10276290

6213045

11587015

4836785

12963275

3526060

14274000

2149800

15650260

839076

16764376

52641

16764381

16764385

16764390

Harmonies

Analogous

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



10406567



8900030



8244438

Triad

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



8900030



12827369



15120024

Complementary

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



8900030



13469590

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.



15708330



8900030



14529496

Square

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



8900030



10666734



15577025



13811345

Rectangle

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



8900030



8506082



15577025



15381661

Sweetspot

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



8900030



15138810



9883015



7372924



0



8421504

Same Dimension

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



8900030



9895913



8894925



6055524



42626



9758

Inverse Universe

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



13469590



16750253



13474695



6708318



10879012



2490376

Previews

White Background



This preview shows how the Decimal color 8900030 looks on a white background.

Color Contrast Check

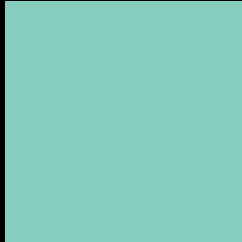
Large Text (above 18pt) WCAG AA × Fail

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 8900030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

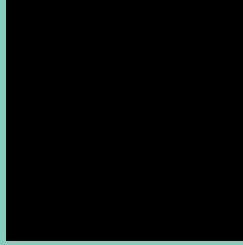
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

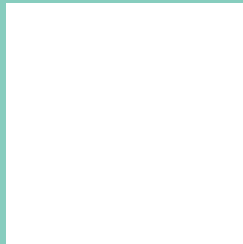
Any Text WCAG AAA ✓ Pass

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

Decimal 8900030 Background



This preview shows how black text looks on a background with the Decimal color 8900030.



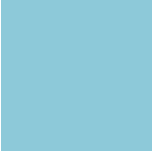
This preview shows how white text looks on a background with the Decimal color 8900030.

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
9292249

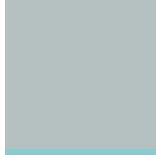
Trichromacy



Original Color
8900030



Protanomaly
11453369



Deuteranomaly
11911361

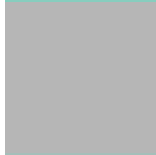


Tritanomaly
9161423

Monochromacy



Original Color
8900030



Achromatopsia
11974326



Achromatomaly
10862265

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8900030 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 #87CDBE looks like.

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

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 #87CDBE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 8900030 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
#87CDBE }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 8900030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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