

Converting Colors

Decimal(8562813)

Have a look what the booklet for
Decimal(8562813) contains.

Decimal(8562813)	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(8562813)

Conversions

Conversions Part 1

Format	Color
Hex	82A87D
RGB	130, 168, 125
RGB Percent	51%, 66%, 49%
CMY	0.4902, 0.3412, 0.5098
CMYK	0.23, 0.00, 0.26, 0.34
HSL	113°, 20%, 57%
HSV	113°, 26%, 66%
XYZ	26.9102, 34.2318, 24.5911
YIQ	151.7360, -8.8450, -21.4290

Conversions

Conversions Part 2

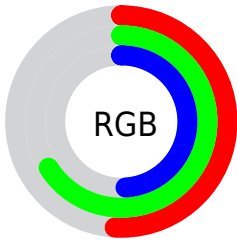
Format	Color
RYB	125, 168, 163
Decimal	8562813
CIELab	65.15, -21.45, 18.11
CIELCh	65, 28.072, 139.824
Yxy	34.2318, 0.3139, 0.3993
Android (android.graphics.Color)	4286752893 (0xFF82A87D)
YUV	151.7360, -13.1808, -19.0625
Hunter-Lab	58.5079, -20.2893, 16.0357

Details

The Decimal color **8562813** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10714536**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **12115890**, and **5272652** is the 20% darker color. If you saturate the color by 10%, you get **7579756**, and if you desaturate by 10%, it is **9545870**.

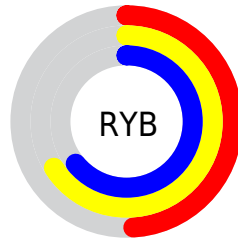
Distribution



Red (51%)

Green (66%)

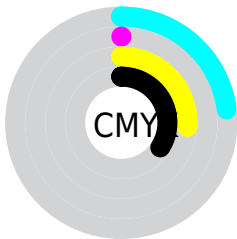
Blue (49%)



Red (49%)

Yellow (66%)

Blue (64%)

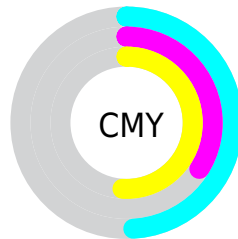


Cyan (23%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8562813 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 8562813 by changing the saturation by 10% instead.



8562813



8562813

16777215



6851940



12115890



5272652



13892813



3693365



15794154



2114335



601352



6656



0



8562813



8562813



7579756



9545870

 6596699

 10528927

 5613643

 11511983

 4696122

 12429504

 3713065

 13412561

 2730008

 14395618

 1746951

 15378675

 1353728

 16361727

 16754943

Harmonies

Analogous

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



10461806



8562813



6663060

Triad

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



8562813



7447503



13733006

Complementary

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



8562813



10714536

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.



13274280



8562813



9870285

Square

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



8562813



5548484



11965119



13275513

Rectangle

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



8562813



5614758



11965119



13667223

Sweetspot

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



8562813



13425610



11051901



6581859



15592941



7237230

Same Dimension

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



8562813



10476439



8235149



5067852



1152000



136192

Inverse Universe

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



10714536



13866971



11042200



5459028



8585364



1179668

Previews

White Background



This preview shows how the Decimal color 8562813 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 8562813 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 8562813 Background



This preview shows how black text looks on a background with the Decimal color 8562813.



This preview shows how white text looks on a background with the Decimal color 8562813.

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



Original Color
8562813

Protanomaly
10199418

Deuteranomaly
10788223

Tritanomaly
8889500

Monochromacy



Original Color
8562813

Achromatopsia
10000536

Achromatomaly
9477774

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8562813 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 #82A87D looks like.

```
.text, #text, p{  
    color:#82A87D  
}
```

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 #82A87D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A87D
}
```

Border

The CSS property to change the border of an element to Decimal 8562813 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
#82A87D }
```

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

```
.border{ border-color:#82A87D }
```

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

Here you see how a box with a 4 pixel #82A87D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A87D; -webkit-box-shadow:4px 4px  
4px 4px #82A87D; box-shadow:4px 4px 4px  
4px #82A87D }
```

Background

The CSS property to change the background color of an element to Decimal 8562813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A87D }
```

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

```
.background{ background-color:#82A87D }
```

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