

Converting Colors

Decimal(6809255)

Have a look what the booklet for
Decimal(6809255) contains.

Decimal(6809255)	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(6809255)

Conversions

Conversions Part 1

Format	Color
Hex	67E6A7
RGB	103, 230, 167
RGB Percent	40%, 90%, 65%
CMY	0.5961, 0.0980, 0.3451
CMYK	0.55, 0.00, 0.27, 0.10
HSL	150°, 72%, 65%
HSV	150°, 55%, 90%
XYZ	40.8654, 62.2672, 46.4242
YIQ	184.8450, -55.4690, -46.5170

Conversions

Conversions Part 2

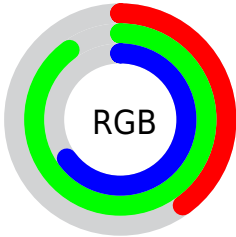
Format	Color
RYB	103, 187, 230
Decimal	6809255
CIELab	83.06, -49.59, 20.25
CIELCh	83, 53.563, 157.781
Yxy	62.2672, 0.2732, 0.4163
Android (android.graphics.Color)	4284999335 (0xFF67E6A7)
YUV	184.8450, -8.7976, -71.7781
Hunter-Lab	78.9096, -45.6509, 20.3552

Details

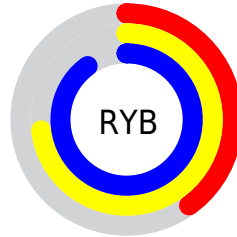
The Decimal color **6809255** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **15099814**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **10682334**, and **2272883** is the 20% darker color. If you saturate the color by 10%, you get **5301916**, and if you desaturate by 10%, it is **8316594**.

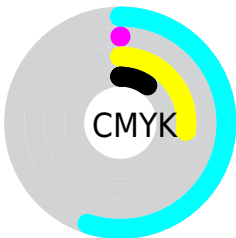
Distribution



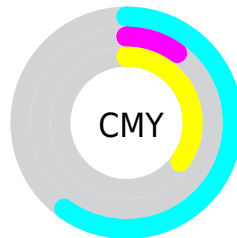
- Red (40%)
- Green (90%)
- Blue (65%)



- Red (40%)
- Yellow (73%)
- Blue (90%)



- Cyan (55%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)

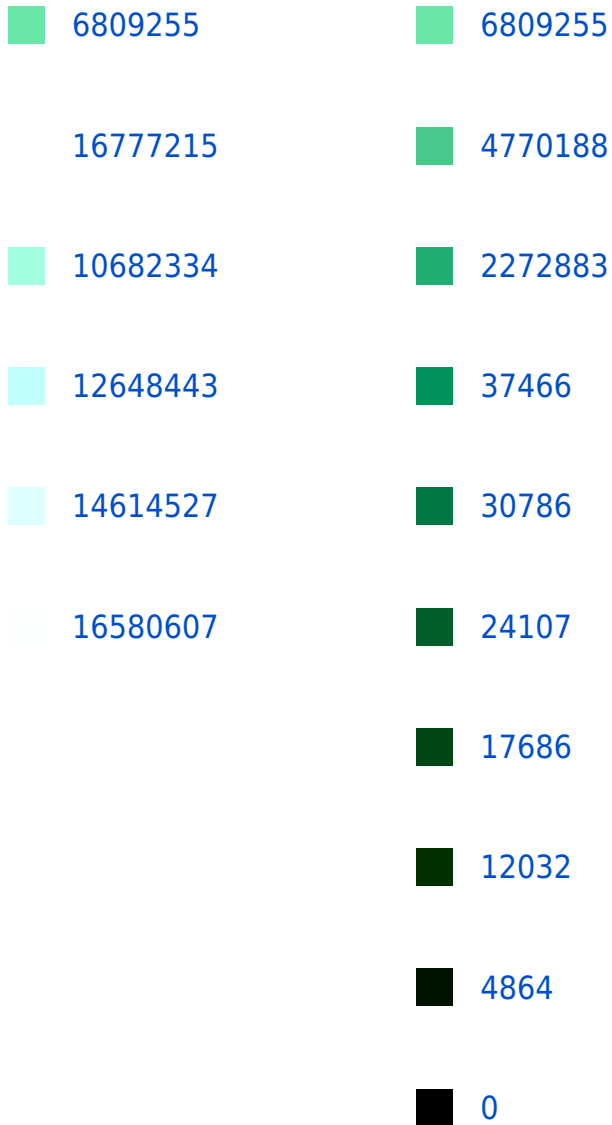


- Cyan (60%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6809255 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 6809255 by changing the saturation by 10% instead.



 6809255

 6809255


 5301916

 8316594

 3794576

 9823934

 2287237

 11331273

 779897

 12838613

 58996

 14345952

 15853291

 16770807

 16770815

Harmonies

Analogous

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



11263613



6809255



59867

Triad

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



6809255



9818367



16756372

Complementary

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



6809255



15099814

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.



16754116



6809255



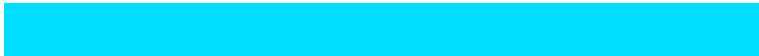
15056383

Square

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



6809255



57087



16755958



16760690

Rectangle

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



6809255



59644



16755958



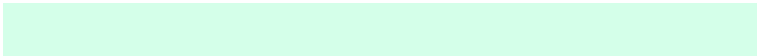
16755107

Sweetspot

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



6809255



13959145



10937959



6717555



0



8421504

Same Dimension

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



6809255



5767084



6809318



6779757



45914



13082

Inverse Universe

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



15099814



16734122



15099751



7563117



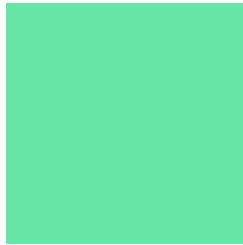
11731033



3342361

Previews

White Background



This preview shows how the Decimal color 6809255 looks on a white background.

Color Contrast Check

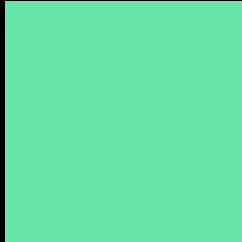
Large Text (above 18pt) WCAG AA × Fail

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 6809255 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 6809255 Background



This preview shows how black text looks on a background with the Decimal color 6809255.




This preview shows how white text looks on a background with the Decimal color 6809255.

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
8183279

Trichromacy



Original Color
6809255



Protanomaly
11654815



Deuteranomaly
12374699



Tritanomaly
7659733

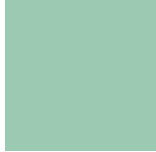
Monochromacy



Original Color
6809255



Achromatopsia
12171705



Achromatomaly
10209714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6809255 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 #67E6A7 looks like.

```
.text, #text, p{  
    color:#67E6A7  
}
```

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 #67E6A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E6A7
}
```

Border

The CSS property to change the border of an element to Decimal 6809255 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
#67E6A7 }
```

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

```
.border{ border-color:#67E6A7 }
```

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

Here you see how a box with a 4 pixel #67E6A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E6A7; -webkit-box-shadow:4px 4px  
4px 4px #67E6A7; box-shadow:4px 4px 4px  
4px #67E6A7 }
```

Background

The CSS property to change the background color of an element to Decimal 6809255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E6A7 }
```

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

```
.background{ background-color:#67E6A7 }
```

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