

Converting Colors

Decimal(7395719)

Have a look what the booklet for
Decimal(7395719) contains.

Decimal(7395719)	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(7395719)

Conversions

Conversions Part 1

Format	Color
Hex	70D987
RGB	112, 217, 135
RGB Percent	44%, 85%, 53%
CMY	0.5608, 0.1490, 0.4706
CMYK	0.48, 0.00, 0.38, 0.15
HSL	133°, 58%, 65%
HSV	133°, 48%, 85%
XYZ	35.8681, 54.8197, 31.6125
YIQ	176.2570, -36.2580, -47.7620

Conversions

Conversions Part 2

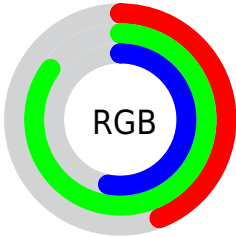
Format	Color
RYB	112, 198, 217
Decimal	7395719
CIELab	78.94, -47.89, 31.25
CIELCh	79, 57.186, 146.873
Yxy	54.8197, 0.2933, 0.4482
Android (android.graphics.Color)	4285585799 (0xFF70D987)
YUV	176.2570, -20.3397, -56.3534
Hunter-Lab	74.0403, -43.0980, 26.5136

Details

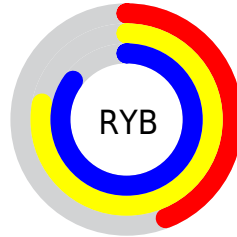
The Decimal color **7395719** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **14250178**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **11141053**, and **3449172** is the 20% darker color. If you saturate the color by 10%, you get **5953910**, and if you desaturate by 10%, it is **8837528**.

Distribution



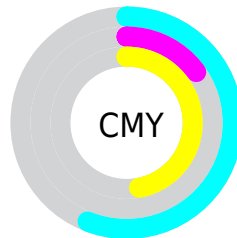
- Red (44%)
- Green (85%)
- Blue (53%)



- Red (44%)
- Yellow (78%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7395719 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 7395719 by changing the saturation by 10% instead.

 7395719

 7395719

16777215

 5487981

 11141053

 3449172

 13041625

 558652

 15007734

 27684

 21260

 15104

 9472

 0

 7395719

 7395719

■ 5953910

■ 8837528

■ 4577637

■ 10213801

■ 3135828

■ 11655610

■ 1694019

■ 13097419

■ 252210

■ 14473692

■ 55600

■ 15915501

■ 16767486

■ 16767487

Harmonies

Analogous

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



11784032



7395719



57020

Triad

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



7395719



5164031



16751254

Complementary

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



7395719



14250178

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.



16750539



7395719



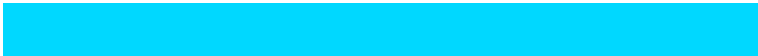
12499199

Square

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



7395719



55551



16753662



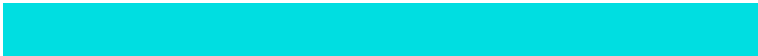
16755563

Rectangle

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



7395719



57057



16753662



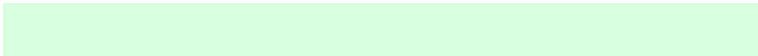
16750503

Sweetspot

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



7395719



14286817



12769648



6914158



0



8421504

Same Dimension

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



7395719



7077771



7395771



6516325



44326



11786

Inverse Universe

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



14250178



16739295



14250126



7234411



11337863



3014692

Previews

White Background



This preview shows how the Decimal color 7395719 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 7395719 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 7395719 Background



This preview shows how black text looks on a background with the Decimal color 7395719.

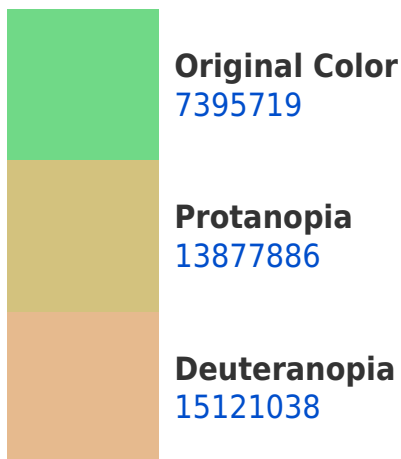


This preview shows how white text looks on a background with the Decimal color 7395719.

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](#).

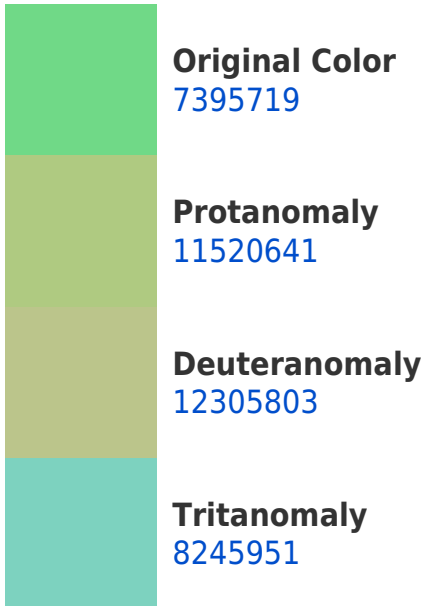
Dichromacy



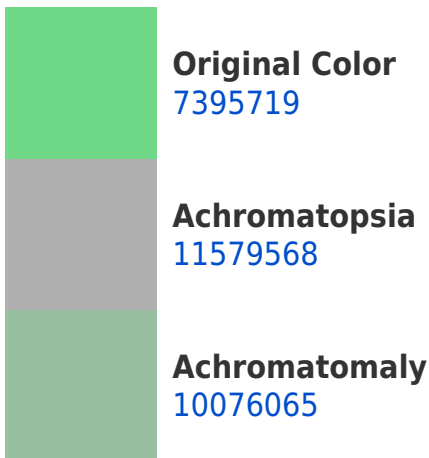


Tritanopia
8769247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7395719 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 #70D987 looks like.

```
.text, #text, p{  
    color:#70D987  
}
```

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 #70D987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D987
}
```

Border

The CSS property to change the border of an element to Decimal 7395719 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
#70D987 }
```

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

```
.border{ border-color:#70D987 }
```

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

Here you see how a box with a 4 pixel #70D987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D987; -webkit-box-shadow:4px 4px  
4px 4px #70D987; box-shadow:4px 4px 4px  
4px #70D987 }
```

Background

The CSS property to change the background color of an element to Decimal 7395719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D987 }
```

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

```
.background{ background-color:#70D987 }
```

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